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SUBJECT: SOI - Correlation Document -
MLRA 105, 108B, 115C - Carroll County, IL

DATE: May 3, 2005

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Attached is the "Classification and Correlation of the Soils of Carroll County, Illinois".

A handwritten signature in blue ink, reading "Joseph W. McCloskey, acting".

JOSEPH W. McCLOSKEY
State Soil Scientist/MO Leader

Attachment

cc:
Thomas W. Neuenfeldt, SDQS, Region 10, NRCS, St. Paul, MN

United States
Department of
Agriculture

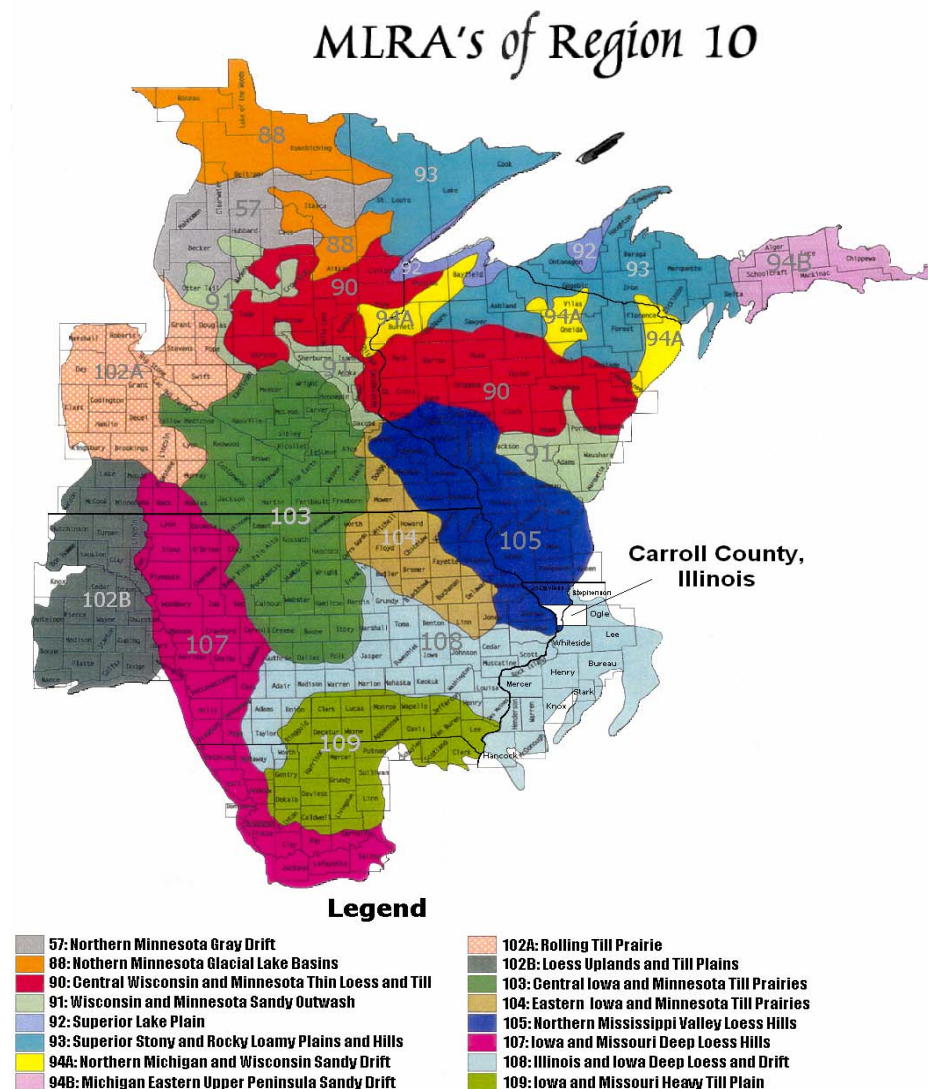
Natural Resources
Conservation Service

North Central Glaciated
Regional MLRA
Soil Survey Office
St. Paul, Minnesota

Classification and Correlation of Soils in Carroll County, Illinois

A Subset of MLRAs 105, 108B and 115C

March 2005



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**UNITED STATES DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE**

**CLASSIFICATION AND CORRELATION
OF THE SOILS OF
CARROLL COUNTY, ILLINOIS**

**A subset of Major Land Resource Areas
105-Northern Mississippi Loess Hills,
108B-Illinois and Iowa Deep Loess and Drift, East Central Part, and
115C-Central Mississippi Valley Wooded Slopes, Northern Part**

March 2005

Introduction

This correlation was prepared by Steve Elmer and Frank Heisner in December, 2004. It was prepared as part of the update of the soil survey of Carroll County. This update is a subset of MLRAs 105, 108B and 115C. Prior to publishing this correlation memorandum, a draft was critically reviewed by John Doll, Soil Scientist on the Illinois State Office Staff. The final draft of this correlation was prepared by Tom Neuenfeldt, Soil Data Quality Specialist, on the MLRA Region 10 Staff in March, 2005.

Headnote For Detailed Soil Survey Legend

Map symbols consist of number, or combinations of numbers and letters. The initial numbers represent the kind of soil. A capital letter following those numbers indicates the slope class, except that the capital letter 'L' indicates long duration flooding. A final number of 2 following the slope letter indicates the soil is moderately eroded, and 3 indicates the soil is severely eroded. A '+' symbol is used to designate an overwash phase of the major soil component in the map unit. Map symbols without a capital letter indicate miscellaneous land types.

Field and Publication Map Unit Names and Map Unit Symbols

Soil Correlation Of Carroll County, Illinois
Detailed Soil Map unit Legend - Sorted by Publication Symbol

Field symbols	Field map unit name	Publication symbol	Approved map unit name
21B	PECATONICA SILT LOAM, 2 TO 4 PERCENT SLOPES	21B	PECATONICA SILT LOAM, 2 TO 5 PERCENT SLOPES
21B	PECATONICA SILT LOAM, 2 TO 5 PERCENT SLOPES		
21C2	PECATONICA SILT LOAM, 5 TO 10 PERCENT SLOPES, ERODED	21C2	PECATONICA SILT LOAM, 5 TO 10 PERCENT SLOPES, ERODED
21C	PECATONICA SILT LOAM, 4 TO 7 PERCENT SLOPES		
21C2	PECATONICA SILT LOAM, 4 TO 7 PERCENT SLOPES, MODERATELY ERODED		
21D	PECATONICA SILT LOAM, 7 TO 12 PERCENT SLOPES		
21D2	PECATONICA SILT LOAM, 7 TO 12 PERCENT SLOPES, MODERATELY ERODED		
21C3	PECATONICA SILTY CLAY LOAM, 5 TO 10 PERCENT SLOPES, SEVERELY ERODED	21C3	PECATONICA SILTY CLAY LOAM, 5 TO 10 PERCENT SLOPES, SEVERELY ERODED
21C3	PECATONICA SOILS, 4 TO 7 PERCENT SLOPES, SEVERELY ERODED		
21D3	PECATONICA SOILS, 7 TO 12 PERCENT SLOPES, SEVERELY ERODED		
21D2	PECATONICA SILT LOAM, 10 TO 18 PERCENT SLOPES, ERODED	21D2	PECATONICA SILT LOAM, 10 TO 18 PERCENT SLOPES, ERODED
21E	PECATONICA SILT LOAM, 12 TO 18 PERCENT SLOPES		
21E2	PECATONICA SILT LOAM, 12 TO 18 PERCENT SLOPES, MODERATELY ERODED		
227E2	ARGYLE SILT LOAM, 12 TO 18 PERCENT SLOPES, MODERATELY ERODED		
416E2	DURAND SILT LOAM, 12 TO 18 PERCENT SLOPES, MODERATELY ERODED		
21D3	PECATONICA SILTY CLAY LOAM, 10 TO 18 PERCENT SLOPES, SEVERELY ERODED	21D3	PECATONICA SILTY CLAY LOAM, 10 TO 18 PERCENT SLOPES, SEVERELY ERODED
21E3	PECATONICA SOILS, 12 TO 18 PERCENT SLOPES, SEVERELY ERODED		
416E3	DURAND SOILS 12 TO 18 PERCENT SLOPES, SEVERELY ERODED		
21F2	PECATONICA SILT LOAM, 18 TO 35 PERCENT SLOPES, ERODED	21F2	PECATONICA SILT LOAM, 18 TO 35 PERCENT SLOPES, ERODED
21F	PECATONICA SILT LOAM, 18 TO 30 PERCENT SLOPES		
21F2	PECATONICA SILT LOAM, 18 TO 30 PERCENT SLOPES, MODERATELY ERODED		
21F3	PECATONICA SOILS, 18 TO 30 PERCENT SLOPES, SEVERELY ERODED		
29D3	DUBUQUE SILTY CLAY LOAM, 10 TO 18 PERCENT SLOPES, SEVERELY ERODED	29D3	DUBUQUE SILTY CLAY LOAM, 10 TO 18 PERCENT SLOPES, SEVERELY ERODED
950D3	DUBUQUE AND PALSGROVE SOILS, 7 TO 12 PERCENT SLOPES, SEVERELY ERODED		
950E3	DUBUQUE AND PALSGROVE SOILS, 12 TO 18 PERCENT SLOPES, SEVERELY ERODED		
37A	WORTHEN SILT LOAM, 0 TO 2 PERCENT SLOPES	37A	WORTHEN SILT LOAM, 0 TO 2 PERCENT SLOPES
37B	WORTHEN SILT LOAM, 2 TO 5 PERCENT SLOPES	37B	WORTHEN SILT LOAM, 2 TO 5 PERCENT SLOPES
37B	WORTHEN SILT LOAM, 2 TO 4 PERCENT SLOPES		

Field symbols	Field map unit name	Publication symbol	Approved map unit name
37C 37C 37D2	WORTHEN SILT LOAM, 5 TO 10 PERCENT SLOPES WORTHEN SILT LOAM, 4 TO 7 PERCENT SLOPES WORTHEN SILT LOAM, 7 TO 12 PERCENT SLOPES, MODERATELY ERODED	37C	WORTHEN SILT LOAM, 5 TO 10 PERCENT SLOPES
51A 41A 9051A	MUSCATUNE SILT LOAM, 0 TO 2 PERCENT SLOPES MUSCATINE SILT LOAM, 0 TO 2 PERCENT SLOPES MUSCATUNE SILT LOAM, TERRACE, 0 TO 2 PERCENT SLOPES	51A	MUSCATUNE SILT LOAM, 0 TO 2 PERCENT SLOPES
51B 41B	MUSCATUNE SILT LOAM, 2 TO 4 PERCENT SLOPES MUSCATINE SILT LOAM, 2 TO 5 PERCENT SLOPES	51B	MUSCATUNE SILT LOAM, 2 TO 5 PERCENT SLOPES
61A 9061A	ATTERBERRY SILT LOAM, 0 TO 2 PERCENT SLOPES ATTERBERRY SILT LOAM, TERRACE, 0 TO 2 PERCENT SLOPES	61A	ATTERBERRY SILT LOAM, 0 TO 2 PERCENT SLOPES
61B 61B 9061B	ATTERBERRY SILT LOAM, 2 TO 5 PERCENT SLOPES ATTERBERRY SILT LOAM, 2 TO 4 PERCENT SLOPES ATTERBERRY SILT LOAM, TERRACE, 2 TO 5 PERCENT SLOPES	61B	ATTERBERRY SILT LOAM, 2 TO 5 PERCENT SLOPES
68A 68	SABLE SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES SABLE SILTY CLAY LOAM	68A	SABLE SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES
68A+ 68+	SABLE SILT LOAM, 0 TO 2 PERCENT SLOPES, OVERWASH SABLE SILT LOAM, OVERWASH	68A+	SABLE SILT LOAM, 0 TO 2 PERCENT SLOPES, OVERWASH
81A 81B 81B 81C	LITTLETON SILT LOAM, 0 TO 2 PERCENT SLOPES LITTLETON SILT LOAM, 2 TO 5 PERCENT SLOPES LITTLETON SILT LOAM, 2 TO 4 PERCENT SLOPES LITTLETON SILT LOAM, 4 TO 7 PERCENT SLOPES	81A 81B	LITTLETON SILT LOAM, 0 TO 2 PERCENT SLOPES LITTLETON SILT LOAM, 2 TO 5 PERCENT SLOPES
86A 36A 705A	OSCO SILT LOAM, 0 TO 2 PERCENT SLOPES TAMA SILT LOAM, 0 TO 2 PERCENT SLOPES BUCKHART SILT LOAM, 0 TO 2 PERCENT SLOPES	86A	OSCO SILT LOAM, 0 TO 2 PERCENT SLOPES
86B 36B 36B2 9086B	OSCO SILT LOAM, 2 TO 5 PERCENT SLOPES TAMA SILT LOAM, 2 TO 4 PERCENT SLOPES TAMA SILT LOAM, 2 TO 4 PERCENT SLOPES, MODERATELY ERODED OSCO SILT LOAM, TERRACE, 2 TO 5 PERCENT SLOPES	86B	OSCO SILT LOAM, 2 TO 5 PERCENT SLOPES
86C 36C 36D	OSCO SILT LOAM, 5 TO 10 PERCENT SLOPES TAMA SILT LOAM, 4 TO 7 PERCENT SLOPES TAMA SILT LOAMS, 7 TO 12 PERCENT SLOPES	86C	OSCO SILT LOAM, 5 TO 10 PERCENT SLOPES
86C2 36C2 36D2	OSCO SILT LOAM, 5 TO 10 PERCENT SLOPES, ERODED TAMA SILT LOAM, 4 TO 7 PERCENT SLOPES, MODERATELY ERODED TAMA SILT LOAM, 7 TO 12 PERCENT SLOPES, MODERATELY ERODED	86C2	OSCO SILT LOAM, 5 TO 10 PERCENT SLOPES, ERODED
86C3 36C3 36D3	OSCO SILTY CLAY LOAM, 5 TO 10 PERCENT SLOPES, SEVERELY ERODED TAMA SILT LOAM, 4 TO 7 PERCENT SLOPES, SEVERELY ERODED TAMA SILT LOAM, 7 TO 12 PERCENT SLOPES, SEVERELY ERODED	86C3	OSCO SILTY CLAY LOAM, 5 TO 10 PERCENT SLOPES, SEVERELY ERODED
87A	DICKINSON SANDY LOAM, 0 TO 2 PERCENT SLOPES	87A	DICKINSON SANDY LOAM, 0 TO 2 PERCENT SLOPES

Field symbols	Field map unit name	Publication symbol	Approved map unit name
87B 87B	DICKINSON SANDY LOAM, 2 TO 5 PERCENT SLOPES DICKINSON SANDY LOAM, 2 TO 4 PERCENT SLOPES	87B	DICKINSON SANDY LOAM, 2 TO 5 PERCENT SLOPES
87C2 87C 87C2	DICKINSON SANDY LOAM, 4 TO 7 PERCENT SLOPES, MODERATELY ERODED DICKINSON SANDY LOAM, 4 TO 7 PERCENT SLOPES DICKINSON SANDY LOAM, 5 TO 10 PERCENT SLOPES, ERODED	87C2	DICKINSON SANDY LOAM, 5 TO 10 PERCENT SLOPES, ERODED
88A	SPARTA LOAMY SAND, 0 TO 2 PERCENT SLOPES	88A	SPARTA LOAMY SAND, 0 TO 2 PERCENT SLOPES
88B 88B 88C 88C2	SPARTA LOAMY SAND, 1 TO 6 PERCENT SLOPES SPARTA LOAMY SAND, 2 TO 4 PERCENT SLOPES SPARTA LOAMY SAND, 4 TO 7 PERCENT SLOPES SPARTA LOAMY SAND, 4 TO 7 PERCENT SLOPES, MODERATELY ERODED	88B	SPARTA LOAMY SAND, 1 TO 6 PERCENT SLOPES
SOD	SAVANNA ORDNANCE DEPOT		
88C 88D	SPARTA LOAMY SAND, 6 TO 12 PERCENT SLOPES SPARTA LOAMY SAND, 7 TO 12 PERCENT SLOPES	88C	SPARTA LOAMY SAND, 6 TO 12 PERCENT SLOPES
88E 88E	SPARTA LOAMY SAND, 12 TO 20 PERCENT SLOPES SPARTA LOAMY SAND, 12 TO 18 PERCENT SLOPES	88E	SPARTA LOAMY SAND, 12 TO 20 PERCENT SLOPES
98A	ADE LOAMY FINE SAND, 0 TO 2 PERCENT SLOPES	98A	ADE LOAMY FINE SAND, 0 TO 2 PERCENT SLOPES
98B 98B 98C	ADE LOAMY FINE SAND, 2 TO 7 PERCENT SLOPES ADE LOAMY FINE SAND, 2 TO 4 PERCENT SLOPES ADE LOAMY FINE SAND, 4 TO 7 PERCENT SLOPES	98B	ADE LOAMY FINE SAND, 2 TO 7 PERCENT SLOPES
98D 98D	ADE LOAMY FINE SAND, 7 TO 15 PERCENT SLOPES ADE LOAMY FINE SAND, 7 TO 12 PERCENT SLOPES	98D	ADE LOAMY FINE SAND, 7 TO 15 PERCENT SLOPES
125A 125	SELMA LOAM, 0 TO 2 PERCENT SLOPES SELMA LOAM	125A	SELMA LOAM, 0 TO 2 PERCENT SLOPES
134A	CAMDEN SILT LOAM, 0 TO 2 PERCENT SLOPES	134A	CAMDEN SILT LOAM, 0 TO 2 PERCENT SLOPES
134B 134B	CAMDEN SILT LOAM, 2 TO 5 PERCENT SLOPES CAMDEN SILT LOAM, 2 TO 4 PERCENT SLOPES	134B	CAMDEN SILT LOAM, 2 TO 5 PERCENT SLOPES
134C2 134C 134C2 134D2	CAMDEN SILT LOAM, 5 TO 10 PERCENT SLOPES, ERODED CAMDEN SILT LOAM, 4 TO 7 PERCENT SLOPES CAMDEN SILT LOAM, 4 TO 7 PERCENT SLOPES, MODERATELY ERODED CAMDEN SILT LOAM, 7 TO 12 PERCENT SLOPES, MODERATELY ERODED	134C2	CAMDEN SILT LOAM, 5 TO 10 PERCENT SLOPES, ERODED
152A 152	DRUMMER SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES DRUMMER SILTY CLAY LOAM	152A	DRUMMER SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES
172A 172	HOOPESTON SANDY LOAM, 0 TO 2 PERCENT SLOPES HOOPESTON SANDY LOAM	172A	HOOPESTON SANDY LOAM, 0 TO 2 PERCENT SLOPES

Field symbols	Field map unit name	Publication symbol	Approved map unit name
175B 175B	LAMONT FINE SANDY LOAM, 2 TO 5 PERCENT SLOPES LAMONT FINE SANDY LOAM, 2 TO 4 PERCENT SLOPES	175B	LAMONT FINE SANDY LOAM, 2 TO 5 PERCENT SLOPES
175C2 175C 175C2	LAMONT FINE SANDY LOAM, 5 TO 10 PERCENT SLOPES, ERODED LAMONT FINE SANDY LOAM, 4 TO 7 PERCENT SLOPES LAMONT FINE SANDY LOAM, 4 TO 7 PERCENT SLOPES, MODERATELY ERODED	175C2	LAMONT FINE SANDY LOAM, 5 TO 10 PERCENT SLOPES, ERODED
175D 175D2	LAMONT FINE SANDY LOAM, 7 TO 12 PERCENT SLOPES LAMONT FINE SANDY LOAM, 7 TO 12 PERCENT SLOPES, MODERATELY ERODED		
175D2 87E2 175E2	LAMONT FINE SANDY LOAM, 10 TO 18 PERCENT SLOPES, ERODED DICKINSON SANDY LOAM, 12 TO 18 PERCENT SLOPES, MODERATELY ERODED LAMONT FINE SANDY LOAM, 12 TO 18 PERCENT SLOPES, MODERATELY ERODED	175D2	LAMONT FINE SANDY LOAM, 10 TO 18 PERCENT SLOPES, ERODED
175D3 175D3 175E3	LAMONT FINE SANDY LOAM, 10 TO 18 PERCENT SLOPES, SEVERELY ERODED LAMONT FINE SANDY LOAM, 7 TO 12 PERCENT SLOPES, SEVERELY ERODED LAMONT FINE SANDY LOAM, 12 TO 18 PERCENT SLOPES, SEVERELY ERODED	175D3	LAMONT FINE SANDY LOAM, 10 TO 18 PERCENT SLOPES, SEVERELY ERODED
175F2 175F2 175F3	LAMONT FINE SANDY LOAM, 18 TO 35 PERCENT SLOPES, ERODED LAMONT FINE SANDY LOAM, 18 TO 30 PERCENT SLOPES, MODERATELY ERODED LAMONT FINE SANDY LOAM, 18 TO 30 PERCENT SLOPES, SEVERELY ERODED	175F2	LAMONT FINE SANDY LOAM, 18 TO 35 PERCENT SLOPES, ERODED
201A 201	GILFORD FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES GILFORD FINE SANDY LOAM	201A	GILFORD FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES
224C2 224C2 224D2	STRAWN SILT LOAM, 5 TO 10 PERCENT SLOPES, ERODED STRAWN SILT LOAM, 4 TO 7 PERCENT SLOPES, MODERATELY ERODED STRAWN SILT LOAM, 7 TO 12 PERCENT SLOPES, MODERATELY ERODED	224C2	STRAWN SILT LOAM, 5 TO 10 PERCENT SLOPES, ERODED
224D2 224E2	STRAWN SILT LOAM, 10 TO 18 PERCENT SLOPES, ERODED STRAWN SILT LOAM, 12 TO 18 PERCENT SLOPES, MODERATELY ERODED	224D2	STRAWN SILT LOAM, 10 TO 18 PERCENT SLOPES, ERODED
224D3 224E3	STRAWN CLAY LOAM, 10 TO 18 PERCENT SLOPES, SEVERELY ERODED STRAWN SOILS, 12 TO 18 PERCENT SLOPES, SEVERELY ERODED	224D3	STRAWN CLAY LOAM, 10 TO 18 PERCENT SLOPES, SEVERELY ERODED
224F2 224F2 224F3	STRAWN SILT LOAM, 18 TO 35 PERCENT SLOPES, ERODED STRAWN SILT LOAM, 18 TO 30 PERCENT SLOPES, MODERATELY ERODED STRAWN SOILS, 18 TO 30 PERCENT SLOPES, SEVERELY ERODED	224F2	STRAWN SILT LOAM, 18 TO 35 PERCENT SLOPES, ERODED

Field symbols	Field map unit name	Pu-bli-cation symbol	Approved map unit name
227B 227B	ARGYLE SILT LOAM, 2 TO 5 PERCENT SLOPES ARGLYE SILT LOAM, 2 TO 4 PERCENT SLOPES	227B	ARGYLE SILT LOAM, 2 TO 5 PERCENT SLOPES
227C2 227C 227C2 227D2	ARGYLE SILT LOAM, 5 TO 10 PERCENT SLOPES, ERODED ARGYLE SILT LOAM, 4 TO 7 PERCENT SLOPES ARGYLE SILT LOAM, 4 TO 7 PERCENT SLOPES, MODERATELY ERODED ARGYLE SILT LOAM, 7 TO 12 PERCENT SLOPES, MODERATELY ERODED	227C2	ARGYLE SILT LOAM, 5 TO 10 PERCENT SLOPES, ERODED
261A 261	NIOTA SILT LOAM, 0 TO 2 PERCENT SLOPES NIOTA SILT LOAM	261A	NIOTA SILT LOAM, 0 TO 2 PERCENT SLOPES
268B 268B	MT. CARROLL SILT LOAM, 2 TO 5 PERCENT SLOPES MT. CARROLL SILT LOAM, 2 TO 4 PERCENT SLOPES	268B	MT. CARROLL SILT LOAM, 2 TO 5 PERCENT SLOPES
268C2 268C 268C2 268D2	MT. CARROLL SILT LOAM, 5 TO 10 PERCENT SLOPES, ERODED MT. CARROLL SILT LOAM, 4 TO 7 PERCENT SLOPES MT. CARROLL SILT LOAM, 4 TO 7 PERCENT SLOPES, MODERATELY ERODED MT. CARROLL SILT LOAM, 7 TO 12 PERCENT SLOPES, MODERATELY ERODED	268C2	MT. CARROLL SILT LOAM, 5 TO 10 PERCENT SLOPES, ERODED
272A 272 272+ 272A+ 9272A	EDGINGTON SILT LOAM, 0 TO 2 PERCENT SLOPES EDGINGTON SILT LOAM EDGINGTON SILT LOAM, OVERWASH EDGINGTON SILT LOAM, 0 TO 2 PERCENT SLOPES, OVERWASH EDGINGTON SILT LOAM, TERRACE, 0 TO 2 PERCENT SLOPES	272A	EDGINGTON SILT LOAM, 0 TO 2 PERCENT SLOPES
274B 75B 274B 9274B	SEATON SILT LOAM, 2 TO 5 PERCENT SLOPES DRURY SILT LOAM, 2 TO 4 PERCENT SLOPES SEATON SILT LOAM, 2 TO 4 PERCENT SLOPES SEATON SILT LOAM, TERRACE, 2 TO 5 PERCENT SLOPES	274B	SEATON SILT LOAM, 2 TO 5 PERCENT SLOPES
274C 75C 274C 9274C	SEATON SILT LOAM, 5 TO 10 PERCENT SLOPES DRURY SILT LOAM, 4 TO 7 PERCENT SLOPES SEATON SILT LOAM, 4 TO 7 PERCENT SLOPES SEATON SILT LOAM, TERRACE, 5 TO 10 PERCENT SLOPES	274C	SEATON SILT LOAM, 5 TO 10 PERCENT SLOPES
274C2 75C2 75D2 274D 274D2	SEATON SILT LOAM, 5 TO 10 PERCENT SLOPES, ERODED DRURY SILT LOAM, 4 TO 7 PERCENT SLOPES, MODERATELY ERODED DRURY SILT LOAM, 7 TO 12 PERCENT SLOPES, MODERATELY ERODED SEATON SILT LOAM, 7 TO 12 PERCENT SLOPES SEATON SILT LOAM, 7 TO 12 PERCENT SLOPES, MODERATELY ERODED	274C2	SEATON SILT LOAM, 5 TO 10 PERCENT SLOPES, ERODED
274D2 30D2 75E2 271E2 274E 274E2	SEATON SILT LOAM, 10 TO 18 PERCENT SLOPES, ERODED HAMBURG SILT LOAM, 7 TO 12 PERCENT SLOPES DRURY SILT LOAM, 12 TO 18 PERCENT SLOPES, MODERATELY ERODED TIMULA SILT LOAM, 12 TO 18 PERCENT SLOPES, MODERATELY ERODED SEATON SILT LOAM, 12 TO 18 PERCENT SLOPES SEATON SILT LOAM, 12 TO 18 PERCENT SLOPES, MODERATELY ERODED	274D2	SEATON SILT LOAM, 10 TO 18 PERCENT SLOPES, ERODED

Field symbols	Field map unit name	Publication symbol	Approved map unit name
274D3	SEATON SILT LOAM, 10 TO 18 PERCENT SLOPES, SEVERELY ERODED	274D3	SEATON SILT LOAM, 10 TO 18 PERCENT SLOPES, SEVERELY ERODED
274D3	SEATON SILT LOAM, 7 TO 12 PERCENT SLOPES, SEVERELY ERODED		
274E3	SEATON SILT LOAM, 12 TO 18 PERCENT SLOPES, SEVERELY ERODED		
277D3	PORT BYRON SILT LOAM, 7 TO 12 PERCENT SLOPES, SEVERELY ERODED		
274E2	SEATON SILT LOAM, 18 TO 25 PERCENT SLOPES, ERODED	274E2	SEATON SILT LOAM, 18 TO 25 PERCENT SLOPES, ERODED
274F	SEATON SILT LOAM, 18 TO 35 PERCENT SLOPES	274F	SEATON SILT LOAM, 18 TO 35 PERCENT SLOPES
30F2	HAMBURG SILT LOAM, 18 TO 30 PERCENT SLOPE, MODERATELY ERODED		
75F2	DRURY SILT LOAM, 18 TO 30 PERCENT SLOPES, MODERATELY ERODED		
271F2	TIMULA SILT LOAM, 18 TO 30 PERCENT SLOPES, MODERATELY ERODED		
274F	SEATON SILT LOAM, 18 TO 30 PERCENT SLOPES		
274F2	SEATON SILT LOAM, 18 TO 30 PERCENT SLOPES, MODERATELY ERODED		
274F3	SEATON SILT LOAM, 18 TO 30 PERCENT SLOPES, SEVERELY ERODED		
275A	JOY SILT LOAM, 0 TO 2 PERCENT SLOPES	275A	JOY SILT LOAM, 0 TO 2 PERCENT SLOPES
275B	JOY SILT LOAM, 2 TO 5 PERCENT SLOPES	275B	JOY SILT LOAM, 2 TO 5 PERCENT SLOPES
275B	JOY SILT LOAM, 2 TO 4 PERCENT SLOPES		
277B	PORT BYRON SILT LOAM, 2 TO 5 PERCENT SLOPES	277B	PORT BYRON SILT LOAM, 2 TO 5 PERCENT SLOPES
277A	PORT BYRON SILT LOAM, 0 TO 2 PERCENT SLOPES		
277B	PORT BYRON SILT LOAM, 2 TO 4 PERCENT SLOPES		
277C	PORT BYRON SILT LOAM, 5 TO 10 PERCENT SLOPES	277C	PORT BYRON SILT LOAM, 5 TO 10 PERCENT SLOPES
277C	PORT BYRON SILT LOAM, 4 TO 7 PERCENT SLOPES		
277C2	PORT BYRON SILT LOAM, 5 TO 10 PERCENT SLOPES, ERODED	277C2	PORT BYRON SILT LOAM, 5 TO 10 PERCENT SLOPES, ERODED
277C2	PORT BYRON SILT LOAM, 4 TO 7 PERCENT SLOPES, MODERATELY ERODED		
277D	PORT BYRON SILT LOAM, 7 TO 12 PERCENT SLOPES		
277D2	PORT BYRON SILT LOAM, 7 TO 12 PERCENT SLOPES, MODERATELY ERODED		
279A	ROZETTA SILT LOAM, 0 TO 2 PERCENT SLOPES	279A	ROZETTA SILT LOAM, 0 TO 2 PERCENT SLOPES
9279A	ROZETTA SILT LOAM, TERRACE, 0 TO 2 PERCENT SLOPES		
279B	ROZETTA SILT LOAM, 2 TO 5 PERCENT SLOPES	279B	ROZETTA SILT LOAM, 2 TO 5 PERCENT SLOPES
279B	ROZETTA SILT LOAM, 2 TO 4 PERCENT SLOPES		
279C	ROZETTA SILT LOAM, 4 TO 7 PERCENT SLOPES		
9279B	ROZETTA SILT LOAM, TERRACE, 2 TO 5 PERCENT SLOPES		
280B	FAYETTE SILT LOAM, 2 TO 5 PERCENT SLOPES	280B	FAYETTE SILT LOAM, 2 TO 5 PERCENT SLOPES
280B	FAYETTE SILT LOAM, 2 TO 4 PERCENT SLOPES		
280B2	FAYETTE SILT LOAM, 2 TO 4 PERCENT SLOPES, MODERATELY ERODED		
9280B	FAYETTE SILT LOAM, TERRACE, 2 TO 5 PERCENT SLOPES		
280C	FAYETTE SILT LOAM, 5 TO 10 PERCENT SLOPES	280C	FAYETTE SILT LOAM, 5 TO 10 PERCENT SLOPES
280C	FAYETTE SILT LOAM, 4 TO 7 PERCENT SLOPES		
280D	FAYETTE SILT LOAM, 7 TO 12 PERCENT SLOPES		

Field symbols	Field map unit name	Publication symbol	Approved map unit name
280C2	FAYETTE SILT LOAM, 5 TO 10 PERCENT SLOPES, ERODED	280C2	FAYETTE SILT LOAM, 5 TO 10 PERCENT SLOPES, ERODED
280C2	FAYETTE SILT LOAM, 4 TO 7 PERCENT SLOPES, MODERATELY ERODED		
280D2	FAYETTE SILT LOAM, 7 TO 12 PERCENT SLOPES, MODERATELY ERODED		
9280C2	FAYETTE SILT LOAM, TERRACE, 5 TO 10 PERCENT SLOPES, ERODED		
280C3	FAYETTE SILTY CLAY LOAM, 5 TO 10 PERCENT SLOPES, SEVERELY ERODED	280C3	FAYETTE SILTY CLAY LOAM, 5 TO 10 PERCENT SLOPES, SEVERELY ERODED
280D3	FAYETTE SOILS, 7 TO 12 PERCENT, SEVERELY ERODED		
280D2	FAYETTE SILT LOAM, 10 TO 18 PERCENT SLOPES, ERODED	280D2	FAYETTE SILT LOAM, 10 TO 18 PERCENT SLOPES, ERODED
36E2	TAMA SILT LOAM, 12 TO 18 PERCENT SLOPES, MODERATELY ERODED		
280E	FAYETTE SILT LOAM, 12 TO 18 PERCENT SLOPES		
280E2	FAYETTE SILT LOAM, 12 TO 18 PERCENT SLOPES, MODERATELY ERODED		
386E	DOWNES SILT LOAM, 12 TO 18 PERCENT SLOPES		
386E2	DOWNES SILT LOAM, 12 TO 18 PERCENT SLOPES, MODERATELY ERODED		
280D3	FAYETTE SILTY CLAY LOAM, 10 TO 18 PERCENT SLOPES, SEVERELY ERODED	280D3	FAYETTE SILTY CLAY LOAM, 10 TO 18 PERCENT SLOPES, SEVERELY ERODED
19E3	SYLVAN SOILS, 12 TO 18 PERCENT, SEVERELY ERODED		
36E3	TAMA SILT LOAM, 12 TO 18 PERCENT SLOPES, SEVERELY ERODED		
280E3	FAYETTE SOILS, 12 TO 18 PERCENT SLOPES, SEVERELY ERODED		
280F2	FAYETTE SILT LOAM, 18 TO 35 PERCENT SLOPES, ERODED	280F2	FAYETTE SILT LOAM, 18 TO 35 PERCENT SLOPES, ERODED
19F2	SYLVAN SILT LOAM, 18 TO 30 PERCENT SLOPES, MODERATELY ERODED		
19F3	SYLVAN SOILS, 18 TO 30 PERCENT SLOPES, SEVERELY ERODED		
280F	FAYETTE SILT LOAM, 18 TO 30 PERCENT SLOPES		
280F2	FAYETTE SILT LOAM, 18 TO 30 PERCENT SLOPES, MODERATELY ERODED		
280F3	FAYETTE SOILS, 18 TO 30 PERCENT SLOPES, SEVERELY ERODED		
280G2	FAYETTE SILT LOAM, 35 TO 60 PERCENT SLOPES, ERODED	280G2	FAYETTE SILT LOAM, 35 TO 60 PERCENT SLOPES, ERODED
19G2	SYLVAN SILT LOAM, 30 TO 60 PERCENT SLOPES, MODERATELY ERODED		
19G3	SYLVAN SOILS, 30 TO 60 PERCENT SLOPES, SEVERELY ERODED		
280G	FAYETTE SILT LOAM, 30 TO 60 PERCENT SLOPES		
280G2	FAYETTE SILT LOAM, 30 TO 60 PERCENT SLOPES, MODERATELY ERODED		
403E2	ELIZABETH SILT LOAM, 12 TO 35 PERCENT SLOPES, ERODED	403E2	ELIZABETH SILT LOAM, 12 TO 35 PERCENT SLOPES, ERODED
504E2	SOGN SILT LOAM, 12 TO 30 PERCENT SLOPES		
410C2	WOODBINE SILT LOAM, 5 TO 10 PERCENT SLOPES, ERODED	410C2	WOODBINE SILT LOAM, 5 TO 10 PERCENT SLOPES, ERODED

Field symbols	Field map unit name	Publication symbol	Approved map unit name
410D2 951E 951E2	WOODBINE SILT LOAM, 10 TO 18 PERCENT SLOPES, ERODED PALSGROVE AND WOODBINE SILT LOAMS, 12 TO 18 PERCENT SLOPES PALSGROVE AND WOODBINE SILT LOAMS, 12 TO 18 PERCENT SLOPES, MODERATELY ERODED	410D2	WOODBINE SILT LOAM, 10 TO 18 PERCENT SLOPES, ERODED
410D3 411E3 506E2 951D3 951E3	WOODBINE SILTY CLAY LOAM, 10 TO 18 PERCENT SLOPES, SEVERELY ERODED ASHDALE SILT LOAM, 12 TO 18 PERCENT SLOPES, SEVERELY ERODED HITT SILT LOAM, 12 TO 18 PERCENT SLOPES, MODERATELY ERODED PALSGROVE AND WOODBINE SOILS, 7 TO 12 PERCENT SLOPES, SEVERELY ERODED PALSGROVE AND WOODBINE SOILS, 12 TO 18 PERCENT SLOPES, SEVERELY ERODED	410D3	WOODBINE SILTY CLAY LOAM, 10 TO 18 PERCENT SLOPES, SEVERELY ERODED
410F2 951F 951F2 951F3	WOODBINE SILT LOAM, 18 TO 35 PERCENT SLOPES, ERODED PALSGROVE AND WOODBINE SILT LOAMS, 18 TO 30 PERCENT SLOPES PALSGROVE AND WOODBINE SILT LOAMS, 18 TO 30 PERCENT SLOPES, MODERATELY ERODED PALSGROVE AND WOODBINE SOILS, 18 TO 30 PERCENT SLOPES, SEVERELY ERODED	410F2	WOODBINE SILT LOAM, 18 TO 35 PERCENT SLOPES, ERODED
410G2 951G2 951G3	WOODBINE SILT LOAM, 35 TO 60 PERCENT SLOPES, ERODED PALSGROVE AND WOODBINE SILT LOAMS, 30 TO 60 PERCENT SLOPES, MODERATELY ERODED PALSGROVE AND WOODBINE SOILS, 30 TO 60 PERCENT SLOPES, SEVERELY ERODED	410G2	WOODBINE SILT LOAM, 35 TO 60 PERCENT SLOPES, ERODED
411B 411B	ASHDALE SILT LOAM, 2 TO 5 PERCENT SLOPES ASHDALE SILT LOAM, 2 TO 4 PERCENT SLOPES	411B	ASHDALE SILT LOAM, 2 TO 5 PERCENT SLOPES
411C2 411C2 411D2	ASHDALE SILT LOAM, 5 TO 10 PERCENT SLOPES, ERODED ASHDALE SILT LOAM, 4 TO 7 PERCENT SLOPES, MODERATELY ERODED ASHDALE SILT LOAM, 7 TO 12 PERCENT SLOPES, MODERATELY ERODED	411C2	ASHDALE SILT LOAM, 5 TO 10 PERCENT SLOPES, ERODED
412B 574B	OGLE SILT LOAM, 2 TO 5 PERCENT SLOPES OGLE SILT LOAM, SILT LOAM SUBSOIL VARIANT, 2 TO 4 PERCENT SLOPES	412B	OGLE SILT LOAM, 2 TO 5 PERCENT SLOPES
412C2 412C 412C2 412D2 574C	OGLE SILT LOAM, 5 TO 10 PERCENT SLOPES, ERODED OGLE SILT LOAM, 4 TO 7 PERCENT SLOPES OGLE SILT LOAM, 4 TO 7 PERCENT SLOPES, MODERATELY ERODED OGLE SILT LOAM, 7 TO 12 PERCENT SLOPES, MODERATELY ERODED OGLE SILT LOAM, SILT LOAM SUBSOIL VARIANT, 4 TO 7 PERCENT SLOPES	412C2	OGLE SILT LOAM, 5 TO 10 PERCENT SLOPES, ERODED
412C3 412D3	OGLE SILTY CLAY LOAM, 5 TO 10 PERCENT SLOPES, SEVERELY ERODED OGLE SOILS, 7 TO 12 PERCENT SLOPES, SEVERELY ERODED	412C3	OGLE SILTY CLAY LOAM, 5 TO 10 PERCENT SLOPES, SEVERELY ERODED

Field symbols	Field map unit name	Publication symbol	Approved map unit name
414B	MYRTLE SILT LOAM, 2 TO 5 PERCENT SLOPES	414B	MYRTLE SILT LOAM, 2 TO 5 PERCENT SLOPES
414B	MYRTLE SILT LOAM, 2 TO 4 PERCENT SLOPES		
414C2	MYRTLE SILT LOAM, 5 TO 10 PERCENT SLOPES, ERODED	414C2	MYRTLE SILT LOAM, 5 TO 10 PERCENT SLOPES, ERODED
414C	MYRTLE SILT LOAM, 4 TO 7 PERCENT SLOPES		
414C2	MYRTLE SILT LOAM, 4 TO 7 PERCENT SLOPES, MODERATELY ERODED		
414D2	MYRTLE SILT LOAM, 7 TO 12 PERCENT SLOPES, MODERATELY ERODED		
416C2	DURAND SILT LOAM, 5 TO 10 PERCENT SLOPES, ERODED	416C2	DURAND SILT LOAM, 5 TO 10 PERCENT SLOPES, ERODED
416C	DURAND SILT LOAM, 4 TO 7 PERCENT SLOPES		
416C2	DURAND SILT LOAM, 4 TO 7 PERCENT SLOPES, MODERATELY ERODED		
416D2	DURAND SILT LOAM, 7 TO 12 PERCENT SLOPES, MODERATELY ERODED		
416C3	DURAND SILTY CLAY LOAM, 5 TO 10 PERCENT SLOPES, SEVERELY ERODED	416C3	DURAND SILTY CLAY LOAM, 5 TO 10 PERCENT SLOPES, SEVERELY ERODED
416D3	DURAND SOILS, 7 TO 12 PERCENT SLOPES, SEVERELY ERODED		
417D3	DERINDA SILTY CLAY LOAM, 10 TO 18 PERCENT SLOPES, SEVERELY ERODED	417D3	DERINDA SILTY CLAY LOAM, 10 TO 18 PERCENT SLOPES, SEVERELY ERODED
546E3	KELTNER SOILS, 12 TO 18 PERCENT SLOPES, SEVERELY ERODED		
949D3	ELEROY AND DERINDA SOILS, 7 TO 12 PERCENT SLOPES, SEVERELY ERODED		
949E3	ELEROY AND DERINDA SOILS, 12 TO 18 PERCENT SLOPES, SEVERELY ERODED		
417E2	DERINDA SILT LOAM, 18 TO 25 PERCENT SLOPES, ERODED	417E2	DERINDA SILT LOAM, 18 TO 25 PERCENT SLOPES, ERODED
546F2	KELTNER SILT LOAM, 18 TO 30 PERCENT SLOPES, MODERATELY ERODED		
949F2	ELEROY AND DERINDA SILT LOAMS, 18 TO 30 PERCENT SLOPES, MODERATELY ERODED		
419B	FLAGG SILT LOAM, 2 TO 5 PERCENT SLOPES	419B	FLAGG SILT LOAM, 2 TO 5 PERCENT SLOPES
419B	FLAGG SILT LOAM, 2 TO 4 PERCENT SLOPES		
419C2	FLAGG SILT LOAM, 5 TO 10 PERCENT SLOPES, ERODED	419C2	FLAGG SILT LOAM, 5 TO 10 PERCENT SLOPES, ERODED
419C	FLAGG SILT LOAM, 4 TO 7 PERCENT SLOPES		
419C2	FLAGG SILT LOAM, 4 TO 7 PERCENT SLOPES, MODERATELY ERODED		
419D	FLAGG SILT LOAM, 7 TO 12 PERCENT SLOPES		
419D2	FLAGG SILT LOAM, 7 TO 12 PERCENT SLOPES, MODERATELY ERODED		
419D2	FLAGG SILT LOAM, 10 TO 18 PERCENT SLOPES, ERODED	419D2	FLAGG SILT LOAM, 10 TO 18 PERCENT SLOPES, ERODED
412E2	OGLE SILT LOAM, 12 TO 18 PERCENT SLOPES, MODERATELY ERODED		
419E2	FLAGG SILT LOAM, 12 TO 18 PERCENT SLOPES, MODERATELY ERODED		

Field symbols	Field map unit name	Publication symbol	Approved map unit name
419D3	FLAGG SILTY CLAY LOAM, 10 TO 18 PERCENT SLOPES, SEVERELY ERODED	419D3	FLAGG SILTY CLAY LOAM, 10 TO 18 PERCENT SLOPES, SEVERELY ERODED
419D3	FLAGG SOILS, 7 TO 12 PERCENT SLOPES, SEVERELY ERODED		
419E3	FLAGG SOILS, 12 TO 18 PERCENT SLOPES, SEVERELY ERODED		
429C2	PALSGROVE SILT LOAM, 5 TO 10 PERCENT SLOPES, ERODED	429C2	PALSGROVE SILT LOAM, 5 TO 10 PERCENT SLOPES, ERODED
951C	PALSGROVE AND WOODBINE SILT LOAMS, 4 TO 7 PERCENT SLOPES		
951C2	PALSGROVE AND WOODBINE SILT LOAMS, 4 TO 7 PERCENT SLOPES, MODERATELY ERODED		
951D	PALSGROVE AND WOODBINE SILT LOAMS, 7 TO 18 PERCENT SLOPES		
951D2	PALSGROVE AND WOODBINE SILT LOAMS, 7 TO 12 PERCENT SLOPES, MODERATELY ERODED		
505D2	DUNBARTON SILT LOAM, 6 TO 12 PERCENT SLOPES, ERODED	505D2	DUNBARTON SILT LOAM, 6 TO 12 PERCENT SLOPES, ERODED
505D2	DUNBARTON SILT LOAM, 7 TO 12 PERCENT SLOPES, MODERATELY ERODED		
505D3	DUNBARTON SILTY CLAY LOAM, 6 TO 12 PERCENT SLOPES, SEVERELY ERODED	505D3	DUNBARTON SILTY CLAY LOAM, 6 TO 12 PERCENT SLOPES, SEVERELY ERODED
505D3	DUNBARTON SOILS, 7 TO 12 PERCENT SLOPES, SEVERELY ERODED		
505E2	DUNBARTON SILT LOAM, 12 TO 20 PERCENT SLOPES, ERODED	505E2	DUNBARTON SILT LOAM, 12 TO 20 PERCENT SLOPES, ERODED
505E	DUNBARTON SILT LOAM, 12 TO 18 PERCENT SLOPES		
505E2	DUNBARTON SILT LOAM, 12 TO 18 PERCENT SLOPES, MODERATELY ERODED		
505E3	DUNBARTON SILTY CLAY LOAM, 12 TO 20 PERCENT SLOPES, SEVERELY ERODED	505E3	DUNBARTON SILTY CLAY LOAM, 12 TO 20 PERCENT SLOPES, SEVERELY ERODED
505E3	DUNBARTON SOILS, 12 TO 18 PERCENT SLOPES, SEVERELY ERODED		
511E3	DUNBARTON SOILS, CHERTY VARIANTS, 12 TO 18 PERCENT SLOPES, SEVERELY ERODED		
505F2	DUNBARTON SILT LOAM, 20 TO 35 PERCENT SLOPES, ERODED	505F2	DUNBARTON SILT LOAM, 20 TO 35 PERCENT SLOPES, ERODED
505F	DUNBARTON SILT LOAM, 18 TO 30 PERCENT SLOPES		
505F2	DUNBARTON SILT LOAM, 18 TO 30 PERCENT SLOPES, MODERATELY ERODED		
505F3	DUNBARTON SOILS, 18 TO 30 PERCENT SLOPES, SEVERELY ERODED		
511F	DUNBARTON SILT LOAM, CHERTY VARIANT, 18 TO 30 PERCENT SLOPES		
511F3	DUNBARTON SOILS, CHERTY VARIANT, 18 TO 30 PERCENT SLOPES, SEVERELY ERODED		
505G	DUNBARTON SILT LOAM, 35 TO 60 PERCENT SLOPES	505G	DUNBARTON SILT LOAM, 35 TO 60 PERCENT SLOPES
505G	DUNBARTON SILT LOAM, 30 TO 60 PERCENT SLOPES		
505G2	DUNBARTON SILT LOAM, 30 TO 60 PERCENT SLOPES, MODERATELY ERODED		
505G3	DUNBARTON SOILS, 30 TO 60 PERCENT SLOPES, SEVERELY ERODED		

Field symbols	Field map unit name	Publication symbol	Approved map unit name
506C2	HITT SILT LOAM, 5 TO 10 PERCENT SLOPES, ERODED	506C2	HITT SILT LOAM, 5 TO 10 PERCENT SLOPES, ERODED
506C2	HITT SILT LOAM, 4 TO 7 PERCENT SLOPES, MODERATELY ERODED		
506D2	HITT SILT LOAM, 7 TO 12 PERCENT SLOPES, MODERATELY ERODED		
506C3	HITT SILTY CLAY LOAM, 5 TO 10 PERCENT SLOPES, SEVERELY ERODED	506C3	HITT SILTY CLAY LOAM, 5 TO 10 PERCENT SLOPES, SEVERELY ERODED
506D3	HITT SOILS, 7 TO 12 PERCENT SLOPES, SEVERELY ERODED		
546C2	KELTNER SILT LOAM, 5 TO 10 PERCENT SLOPES, ERODED	546C2	KELTNER SILT LOAM, 5 TO 10 PERCENT SLOPES, ERODED
546C2	KELTNER SILT LOAM, 4 TO 7 PERCENT SLOPES, MODERATELY ERODED		
546D2	KELTNER SILT LOAM, 7 TO 12 PERCENT SLOPES, MODERATELY ERODED		
547C2	ELEROY SILT LOAM, 5 TO 10 PERCENT SLOPES, ERODED	547C2	ELEROY SILT LOAM, 5 TO 10 PERCENT SLOPES, ERODED
949C2	ELEROY AND DERINDA SILT LOAMS, 4 TO 7 PERCENT SLOPES, MODERATELY ERODED		
949D2	ELEROY AND DERINDA SILT LOAMS, 7 TO 12 PERCENT SLOPES, MODERATELY ERODED		
547D2	ELEROY SILT LOAM, 10 TO 18 PERCENT SLOPES, ERODED	547D2	ELEROY SILT LOAM, 10 TO 18 PERCENT SLOPES, ERODED
546E2	KELTNER SILT LOAM, 12 TO 18 PERCENT SLOPES, MODERATELY ERODED		
949E2	ELEROY AND DERINDA SILT LOAMS, 12 TO 18 PERCENT SLOPES, MODERATELY ERODED		
564B	WAUKEGAN SILT LOAM, 2 TO 5 PERCENT SLOPES	564B	WAUKEGAN SILT LOAM, 2 TO 5 PERCENT SLOPES
562B	PORT BYRON SILT LOAM, SANDY SUBSTRATUM, 2 TO 4 PERCENT SLOPES		
564B	WAUKEGAN SILT LOAM, 2 TO 4 PERCENT SLOPES		
564C2	WAUKEGAN SILT LOAM, 5 TO 10 PERCENT SLOPES, ERODED	564C2	WAUKEGAN SILT LOAM, 5 TO 10 PERCENT SLOPES, ERODED
562C	PORT BYRON SILT LOAM, SANDY SUBSTRATUM, 4 TO 7 PERCENT SLOPES		
562C2	PORT BYRON SILT LOAM, SANDY SUBSTRATUM, 4 TO 7 PERCENT SLOPES, MODERATELY ERODED		
562D	PORT BYRON SILT LOAM, SANDY SUBSTRATUM, 7 TO 12 PERCENT SLOPES		
562D2	PORT BYRON SILT LOAM, SANDY SUBSTRATUM, 7 TO 12 PERCENT SLOPES, MODERATELY ERODED		
564C	WAUKEGAN SILT LOAM, 4 TO 7 PERCENT SLOPES		
564C2	WAUKEGAN SILT LOAM, 4 TO 7 PERCENT SLOPES, MODERATELY ERODED		
564D2	WAUKEGAN SILT LOAM, 7 TO 12 PERCENT SLOPES, MODERATELY ERODED		
565B	TELL SILT LOAM, 2 TO 5 PERCENT SLOPES	565B	TELL SILT LOAM, 2 TO 5 PERCENT SLOPES
563B	SEATON SILT LOAM, SANDY SUBSTRATUM, 2 TO 4 PERCENT SLOPES		
565B	TELL SILT LOAM, 2 TO 4 PERCENT SLOPES		

Field symbols	Field map unit name	Publication symbol	Approved map unit name
565C2	TELL SILT LOAM, 5 TO 10 PERCENT SLOPES, ERODED	565C2	TELL SILT LOAM, 5 TO 10 PERCENT SLOPES, ERODED
563C	SEATON SILT LOAM, SANDY SUBSTRATUM, 4 TO 7 PERCENT SLOPES		
563C2	SEATON SILT LOAM, SANDY SUBSTRATUM, 4 TO 7 PERCENT SLOPES, MODERATELY ERODED		
563D	SEATON SILT LOAM, SANDY SUBSTRATUM, 7 TO 12 PERCENT SLOPES		
563D2	SEATON SILT LOAM, SANDY SUBSTRATUM, 7 TO 12 PERCENT SLOPES, MODERATELY ERODED		
565C	TELL SILT LOAM, 4 TO 7 PERCENT SLOPES		
565C2	TELL SILT LOAM, 4 TO 7 PERCENT SLOPES, MODERATELY ERODED		
565D	TELL SILT LOAM, 7 TO 12 PERCENT SLOPES, MODERATELY ERODED		
565D2	TELL SILT LOAM, 10 TO 18 PERCENT SLOPES, ERODED	565D2	TELL SILT LOAM, 10 TO 18 PERCENT SLOPES, ERODED
134E2	CAMDEN SILT LOAM, 12 TO 18 PERCENT SLOPES, MODERATELY ERODED		
564E2	WAUKEGAN SILT LOAM, 12 TO 18 PERCENT SLOPES, MODERATELY ERODED		
565D2	TELL SILT LOAM, 7 TO 12 PERCENT SLOPES, MODERATELY ERODED		
565E2	TELL SILT LOAM, 12 TO 18 PERCENT SLOPES, MODERATELY ERODED		
565D3	TELL SILT LOAM, 10 TO 18 PERCENT SLOPES, SEVERELY ERODED	565D3	TELL SILT LOAM, 10 TO 18 PERCENT SLOPES, SEVERELY ERODED
563D3	SEATON SILT LOAM, SANDY SUBSTRATUM, 7 TO 12 PERCENT SLOPES, SEVERELY ERODED		
563E3	SEATON SILT LOAM, SANDY SUBSTRATUM, 12 TO 18 PERCENT SLOPES, SEVERELY ERODED		
565D3	TELL SILT LOAM, 7 TO 12 PERCENT SLOPES, SEVERELY ERODED		
565E3	TELL SILT LOAM, 12 TO 18 PERCENT SLOPES, SEVERELY ERODED		
565F2	TELL SILT LOAM, 18 TO 35 PERCENT SLOPES, ERODED	565F2	TELL SILT LOAM, 18 TO 35 PERCENT SLOPES, ERODED
565F2	TELL SILT LOAM, 18 TO 30 PERCENT SLOPES, MODERATELY ERODED		
565F3	TELL SILT LOAM, 18 TO 30 PERCENT SLOPES, SEVERELY ERODED		
569F2	MEDARY SILTY CLAY LOAM, 15 TO 45 PERCENT SLOPES, ERODED	569F2	MEDARY SILTY CLAY LOAM, 15 TO 45 PERCENT SLOPES, ERODED
577E	TERRACE ESCARPMENTS 12 TO 18 PERCENT SLOPES		
577F	TERRACE ESCARPMENTS, 18 TO 30 PERCENT SLOPES		
572C2	LORAN SILT LOAM, 5 TO 10 PERCENT SLOPES, ERODED	572C2	LORAN SILT LOAM, 5 TO 10 PERCENT SLOPES, ERODED
572C	LORAN SILT LOAM, 4 TO 7 PERCENT SLOPES		
572D	LORAN SILT LOAM, 7 TO 12 PERCENT		
572D2	LORAN SILT LOAM, 7 TO 12 PERCENT SLOPES, MODERATELY ERODED		
576A	ZWINGLE SILT LOAM, 0 TO 2 PERCENT SLOPES	576A	ZWINGLE SILT LOAM, 0 TO 2 PERCENT SLOPES
568A	NIOTA SILTY CLAY LOAM, CLAYEY SUBSURFACE VARIANT, 0 TO 2 PERCENT SLOPES		
576B	ZWINGLE SILT LOAM, 2 TO 5 PERCENT SLOPES	576B	ZWINGLE SILT LOAM, 2 TO 5 PERCENT SLOPES
568B	NIOTA SILTY CLAY LOAM, CLAYEY SUBSURFACE VARIANT, 2 TO 4 PERCENT SLOPES		
576B	ZWINGLE SILT LOAM, 2 TO 4 PERCENT SLOPES		

Field symbols	Field map unit name	Publication symbol	Approved map unit name
576C 576C 577D	ZWINGLE SILT LOAM, 5 TO 10 PERCENT SLOPES ZWINGLE SILT LOAM, 4 TO 7 PERCENT SLOPES TERRACE ESCARPMENTS, 7 TO 12 PERCENT SLOPES	576C	ZWINGLE SILT LOAM, 5 TO 10 PERCENT SLOPES
660D2 660D2 660E2	COATSBURG SILT LOAM, 10 TO 18 PERCENT SLOPES, ERODED COATSBURG SILT LOAM, 7 TO 12 PERCENT SLOPES, MODERATELY ERODED COATSBURG SILT LOAM, 12 TO 18 PERCENT SLOPES, MODERATELY ERODED	660D2	COATSBURG SILT LOAM, 10 TO 18 PERCENT SLOPES, ERODED
660D3 660D3 660E3	COATSBURG SILTY CLAY LOAM, 10 TO 18 PERCENT SLOPES, SEVERELY ERODED COATSBURG SOILS 7 TO 12 PERCENT SLOPES, SEVERELY ERODED COATSBURG SOILS, 12 TO 18 PERCENT SLOPES, SEVERELY ERODED	660D3	COATSBURG SILTY CLAY LOAM, 10 TO 18 PERCENT SLOPES, SEVERELY ERODED
675A 386A	GREENBUSH SILT LOAM, 0 TO 2 PERCENT SLOPES DOWNS SILT LOAM, 0 TO 2 PERCENT SLOPES	675A	GREENBUSH SILT LOAM, 0 TO 2 PERCENT SLOPES
675B 386B	GREENBUSH SILT LOAM, 2 TO 5 PERCENT SLOPES DOWNS SILT LOAM, 2 TO 4 PERCENT SLOPES	675B	GREENBUSH SILT LOAM, 2 TO 5 PERCENT SLOPES
675C 386C 386D	GREENBUSH SILT LOAM, 5 TO 10 PERCENT SLOPES DOWNS SILT LOAM, 4 TO 7 PERCENT SLOPES DOWNS SILT LOAM, 7 TO 12 PERCENT SLOPES	675C	GREENBUSH SILT LOAM, 5 TO 10 PERCENT SLOPES
675C2 386C2 386D2	GREENBUSH SILT LOAM, 5 TO 10 PERCENT SLOPES, ERODED DOWNS SILT LOAM, 4 TO 7 PERCENT SLOPES, MODERATELY ERODED DOWNS SILT LOAM, 7 TO 12 PERCENT SLOPES, MODERATELY ERODED	675C2	GREENBUSH SILT LOAM, 5 TO 10 PERCENT SLOPES, ERODED
689B 53B 54B 54C3 63	COLOMA SAND, 2 TO 7 PERCENT SLOPES BLOOMFIELD FINE SAND, 2 TO 4 PERCENT SLOPES PLAINFIELD SAND, 2 TO 4 PERCENT SLOPES PLAINFIELD SAND, 4 TO 7 PERCENT SLOPES, SEVERELY WIND ERODED BLOW-OUT LAND	689B	COLOMA SAND, 2 TO 7 PERCENT SLOPES
689D 53D	COLOMA SAND, 7 TO 15 PERCENT SLOPES BLOOMFIELD FINE SAND, 7 TO 12 PERCENT SLOPES	689D	COLOMA SAND, 7 TO 15 PERCENT SLOPES
689F 53F 54F2 282E3 282F3	COLOMA SAND, 20 TO 30 PERCENT SLOPES BLOOMFIELD FINE SAND, 18 TO 30 PERCENT SLOPES PLAINFIELD SAND, 18 TO 30 PERCENT SLOPES CHUTE FINE SAND 12 TO 18 PERCENT SLOPES, SEVERELY ERODED CHUTE FINE SAND, 18 TO 30 PERCENT SLOPES, SEVERELY ERODED	689F	COLOMA SAND, 20 TO 30 PERCENT SLOPES
735D2 972D2	CASCO-RODMAN-FOX COMPLEX, 6 TO 12 PERCENT SLOPES, ERODED CASCO-FOX COMPLEX, 7 TO 12 PERCENT SLOPES, MODERATELY ERODED	735D2	CASCO-RODMAN-FOX COMPLEX, 6 TO 12 PERCENT SLOPES, ERODED

Field symbols	Field map unit name	Publication symbol	Approved map unit name
735E2	CASCO-RODMAN-FOX COMPLEX, 12 TO 20 PERCENT SLOPES, ERODED	735E2	CASCO-RODMAN-FOX COMPLEX, 12 TO 20 PERCENT SLOPES, ERODED
93E2	RODMAN GRAVELLY LOAM, 12 TO 18 PERCENT SLOPES, MODERATELY ERODED		
972E2	CASCO-FOX COMPLEX, 12 TO 18 PERCENT SLOPES, MODERATELY ERODED		
972E3	CASCO-FOX COMPLEX, 12 TO 18 PERCENT SLOPES, SEVERELY ERODED		
764B	COYNE FINE SANDY LOAM, 2 TO 5 PERCENT SLOPES	764B	COYNE FINE SANDY LOAM, 2 TO 5 PERCENT SLOPES
673B	ONARGA FINE SANDY LOAM, REDDISH SUBSOIL VARIANT, 2 TO 4 PERCENT SLOPES		
785G	LACRESCENT COBBLY LOAM, 25 TO 60 PERCENT SLOPES	785G	LACRESCENT COBBLY LOAM, 25 TO 60 PERCENT SLOPES
798C2	FAYETTE-GALE SILT LOAMS, 5 TO 10 PERCENT SLOPES, ERODED	798C2	FAYETTE-GALE SILT LOAMS, 5 TO 10 PERCENT SLOPES, ERODED
413D2	GALE SILT LOAM, 7 TO 12 PERCENT SLOPES, MODERATELY ERODED		
802B	ORTHENTS, LOAMY, UNDULATING	802B	ORTHENTS, LOAMY, UNDULATING
802	MADE LAND AND BORROW PITS		
835G	EARTHEN DAM	835G	EARTHEN DAM
862	PITS, SAND	862	PITS, SAND
865	GRAVEL AND SAND PITS		
864	PITS, QUARRIES	864	PITS, QUARRIES
864	LIMESTONE QUARRIES		
865	PITS, GRAVEL	865	PITS, GRAVEL
865	GRAVEL AND SAND PITS		
905F	NEWGLARUS-LAMOILLE SILT LOAMS, 18 TO 35 PERCENT SLOPES	905F	NEWGLARUS-LAMOILLE SILT LOAMS, 18 TO 35 PERCENT SLOPES
413F2	GALE SILT LOAM, 18 TO 30 PERCENT SLOPES, MODERATELY ERODED		
506F2	HITT SILT LOAM, 18 TO 30 PERCENT SLOPES, MODERATELY ERODED		
950F	DUBUQUE AND PALSGROVE SILT LOAMS, 18 TO 30 PERCENT SLOPES		
950F2	DUBUQUE AND PALSGROVE SILT LOAMS, 18 TO 30 PERCENT SLOPES, MODERATELY ERODED		
950F3	DUBUQUE AND PALSGROVE SOILS, 18 TO 30 PERCENT SLOPES, SEVERELY ERODED		
905G	NEWGLARUS-LAMOILLE SILT LOAMS, 35 TO 60 PERCENT SLOPES	905G	NEWGLARUS-LAMOILLE SILT LOAMS, 35 TO 60 PERCENT SLOPES
504G2	SOGN SILT LOAM, 30 TO 60 PERCENT SLOPES		
511G2	DUNBARTON SILT LOAM, CHERTY VARIANT, 30 TO 60 PERCENT SLOPES, MODERATELY ERODED		
950G	DUBUQUE AND PALSGROVE SILT LOAMS, 30 TO 60 PERCENT SLOPES		
950G2	DUBUQUE AND PALSGROVE SILT LOAMS, 30 TO 60 PERCENT SLOPES, MODERATELY ERODED		

Field symbols	Field map unit name	Publication symbol	Approved map unit name
928C2	NEWGLARUS-PALSGROVE SILT LOAMS, 5 TO 10 PERCENT SLOPES, ERODED	928C2	NEWGLARUS-PALSGROVE SILT LOAMS, 5 TO 10 PERCENT SLOPES, ERODED
950C	DUBUQUE AND PALSGROVE SILT LOAMS, 4 TO 7 PERCENT SLOPES		
950C2	DUBUQUE AND PALSGROVE SILT LOAM, 4 TO 7 PERCENT SLOPES, MODERATELY ERODED		
928D2	NEWGLARUS-PALSGROVE SILT LOAMS, 10 TO 18 PERCENT SLOPES, ERODED	928D2	NEWGLARUS-PALSGROVE SILT LOAMS, 10 TO 18 PERCENT SLOPES, ERODED
950D	DUBUQUE AND PALSGROVE SILT LOAMS, 7 TO 10 PERCENT SLOPES		
950D2	DUBUQUE AND PALSGROVE SILT LOAMS, 7 TO 12 PERCENT SLOPES, MODERATELY ERODED		
950E	DUBUQUE AND PALSGROVE SILT LOAMS, 12 TO 18 PERCENT SLOPES		
950E2	DUBUQUE AND PALSGROVE SILT LOAMS, 12 TO 18 PERCENT SLOPES, MODERATELY ERODED		
943F2	SEATON-TIMULA SILT LOAMS, 18 TO 35 PERCENT SLOPES, ERODED	943F2	SEATON-TIMULA SILT LOAMS, 18 TO 35 PERCENT SLOPES, ERODED
943G2	SEATON-TIMULA SILT LOAMS, 35 TO 60 PERCENT SLOPES, ERODED	943G2	SEATON-TIMULA SILT LOAMS, 35 TO 60 PERCENT SLOPES, ERODED
30G2	HAMBURG SILT LOAM, 30 TO 60 PERCENT SLOPES, MODERATELY ERODED		
271G2	TIMULA SILT LOAM, 30 TO 60 PERCENT SLOPES, MODERATELY ERODED		
274G2	SEATON SILT LOAM, 30 TO 60 PERCENT SLOPES, MODERATELY ERODED		
952C2	TELL-LAMONT COMPLEX, 5 TO 10 PERCENT SLOPES, ERODED	952C2	TELL-LAMONT COMPLEX, 5 TO 10 PERCENT SLOPES, ERODED
952C	TELL-LAMONT COMPLEX, 4 TO 7 PERCENT SLOPES		
952C2	TELL-LAMONT COMPLEX, 4 TO 7 PERCENT SLOPES, MODERATELY ERODED		
952D2	TELL-LAMONT COMPLEX, 10 TO 18 PERCENT SLOPES, ERODED	952D2	TELL-LAMONT COMPLEX, 10 TO 18 PERCENT SLOPES, ERODED
952D2	TELL-LAMONT COMPLEX, 7 TO 12 PERCENT SLOPES, MODERATELY ERODED		
952E2	TELL-LAMONT COMPLEX, 12 TO 18 PERCENT SLOPES, MODERATELY ERODED		
952D3	TELL-LAMONT COMPLEX, 10 TO 18 PERCENT SLOPES, SEVERELY ERODED	952D3	TELL-LAMONT COMPLEX, 10 TO 18 PERCENT SLOPES, SEVERELY ERODED
952D3	TELL-LAMONT COMPLEX, 7 TO 12 PERCENT SLOPES, SEVERELY ERODED		
952E3	TELL-LAMONT COMPLEX, 12 TO 18 PERCENT SLOPES, SEVERELY ERODED		
952F2	TELL-LAMONT COMPLEX, 18 TO 35 PERCENT SLOPES, ERODED	952F2	TELL-LAMONT COMPLEX, 18 TO 35 PERCENT SLOPES, ERODED
952F	TELL-LAMONT COMPLEX, 18 TO 30 PERCENT SLOPES		
952F2	TELL-LAMONT COMPLEX, 18 TO 30 PERCENT SLOPES, MODERATELY ERODED		
952F4	TELL-LAMONT COMPLEX, 18 TO 30 PERCENT SLOPES, GULLIED		
1076A	OTTER SILT LOAM, UNDRAINED, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED	1076A	OTTER SILT LOAM, UNDRAINED, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED
W76	OTTER SILT LOAM, WET		

Field symbols	Field map unit name	Publication symbol	Approved map unit name
1082A W82 W210	MILLINGTON SILT LOAM, UNDRAINED, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED MILLINGTON SILT LOAM, WET LENA MUCK, WET	1082A	MILLINGTON SILT LOAM, UNDRAINED, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED
1107A W100 W107	SAWMILL SILTY CLAY LOAM, UNDRAINED, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED PALMS MUCK, WET SAWMILL SILTY CLAY LOAM, WET	1107A	SAWMILL SILTY CLAY LOAM, UNDRAINED, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED
1239A W239A	DORCHESTER SILT LOAM, UNDRAINED, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED DORCHESTER SILT LOAM, 0 TO 2 PERCENT SLOPES, WET	1239A	DORCHESTER SILT LOAM, UNDRAINED, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED
1451A W451	LAWSON SILT LOAM, UNDRAINED, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED LAWSON SILT LOAM, WET	1451A	LAWSON SILT LOAM, UNDRAINED, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED
3076A 76	OTTER SILT LOAM, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED OTTER SILT LOAM	3076A	OTTER SILT LOAM, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED
3082A 82 210	MILLINGTON SILT LOAM, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED MILLINGTON SILT LOAM LENA MUCK	3082A	MILLINGTON SILT LOAM, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED
3107+ 107+	SAWMILL SILT LOAM, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED, OVERWASH SAWMILL SILT LOAM, OVERWASH	3107+	SAWMILL SILT LOAM, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED, OVERWASH
3107A 107	SAWMILL SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED SAWMILL SILTY CLAY LOAM	3107A	SAWMILL SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED
3333A 333	WAKELAND SILT LOAM, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED WAKELAND SILT LOAM	3333A	WAKELAND SILT LOAM, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED
3415A 415	ORION SILT LOAM, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED ORION SILT LOAM	3415A	ORION SILT LOAM, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED
3451A 451	LAWSON SILT LOAM, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED LAWSON SILT LOAM	3451A	LAWSON SILT LOAM, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED
3579A 578	BEAVERCREEK SILT LOAM, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED DORCHESTER SILT LOAM, COBBLY SUBSOIL VARIANT	3579A	BEAVERCREEK SILT LOAM, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED
3646L 455 W237	FLUVAQUENTS, LOAMY, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED, LONG DURATION MIXED ALLUVIAL LAND HOOPESTON LOAM, WET	3646L	FLUVAQUENTS, LOAMY, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED, LONG DURATION
7076A	OTTER SILT LOAM, 0 TO 2 PERCENT SLOPES, RARELY FLOODED	7076A	OTTER SILT LOAM, 0 TO 2 PERCENT SLOPES, RARELY FLOODED

Field symbols	Field map unit name	Publication symbol	Approved map unit name
7082A	MILLINGTON CLAY LOAM, 0 TO 2 PERCENT SLOPES, RARELY FLOODED	7082A	MILLINGTON CLAY LOAM, 0 TO 2 PERCENT SLOPES, RARELY FLOODED
7100A	PALMS MUCK, 0 TO 2 PERCENT SLOPES, RARELY FLOODED	7100A	PALMS MUCK, 0 TO 2 PERCENT SLOPES, RARELY FLOODED
100	PALMS MUCK		
7107+	SAWMILL SILT LOAM, 0 TO 2 PERCENT SLOPES, RARELY FLOODED, OVERWASH	7107+	SAWMILL SILT LOAM, 0 TO 2 PERCENT SLOPES, RARELY FLOODED, OVERWASH
7107A	SAWMILL SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES, RARELY FLOODED	7107A	SAWMILL SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES, RARELY FLOODED
7415A	ORION SILT LOAM, 0 TO 2 PERCENT SLOPES, RARELY FLOODED	7415A	ORION SILT LOAM, 0 TO 2 PERCENT SLOPES, RARELY FLOODED
7451A	LAWSON SILT LOAM, 0 TO 2 PERCENT SLOPES, RARELY FLOODED	7451A	LAWSON SILT LOAM, 0 TO 2 PERCENT SLOPES, RARELY FLOODED
7452A	RILEY LOAM, 0 TO 2 PERCENT SLOPES, RARELY FLOODED	7452A	RILEY LOAM, 0 TO 2 PERCENT SLOPES, RARELY FLOODED
237	HOOPESTON LOAM		
237+	HOOPESTON SILT LOAM, OVERWASH		
8077A	HUNTSVILLE SILT LOAM, 0 TO 2 PERCENT SLOPES, OCCASIONALLY FLOODED	8077A	HUNTSVILLE SILT LOAM, 0 TO 2 PERCENT SLOPES, OCCASIONALLY FLOODED
77	HUNTSVILLE SILT LOAM		
8239A	DORCHESTER SILT LOAM, 0 TO 2 PERCENT SLOPES, OCCASIONALLY FLOODED	8239A	DORCHESTER SILT LOAM, 0 TO 2 PERCENT SLOPES, OCCASIONALLY FLOODED
239A	DORCHESTER SILT LOAM, 0 TO 2 PERCENT SLOPES		
8239B	DORCHESTER SILT LOAM, 2 TO 5 PERCENT SLOPES, OCCASIONALLY FLOODED	8239B	DORCHESTER SILT LOAM, 2 TO 5 PERCENT SLOPES, OCCASIONALLY FLOODED
239B	DORCHESTER SILT LOAM, 2 TO 4 PERCENT SLOPES		
M-W	MISCELLANEOUS WATER	M-W	MISCELLANEOUS WATER
W	WATER	W	WATER

Series Established by this Correlation

None

Series and components added to the previous correlated legend

Beavercreek, Coloma, Coyne, Elizabeth, Fluvaquents, Greenbush, Lacrescent, Lamoille, Medary, Muscatune, NewGlarus, Orthents, Osco, Riley

Series and components dropped from the previous correlated legend

Bloomfield, Chute, Cut and Fill Land, Downs, Drury, Hamburg, Lena, Made Land, Mixed Alluvial Land, Muscatine, Plainfield, Sogn, Sylvan, Tama

Verification of Exact Cooperators' Names and Credits

United States Department of Agriculture
Natural Resources Conservation Service
In Cooperation with
Illinois Agricultural Experiment Station

The cooperators to be listed on the inside of the front cover are the same as those on the front cover and in addition state: "This soil survey update is part of the technical assistance provided to the Carroll County Soil and Water Conservation District". Financial assistance was made available by the Carroll County Board and the Illinois Department of Agriculture.

Prior Soil Survey Publication

The prior soil survey of Carroll County, Illinois was published in 1975. The prior publication will be a literature citation as: "The previous soil survey of Carroll County, Illinois was published in 1975. This survey updates that survey and provides additional information and modern interpretations".

B. W. Ray, J. B. Fehrenbacher, R. Allison, G. Hall, and A. Reimer, University of Illinois Agricultural Experiment Station, and R. Rehner, L. Benson, F. Gebeck, G. Cook, D. Hallbick, J. Steinkamp, and P. Watters, Soil Conservation Service, United States Department of Agriculture, Soil Survey of Carroll County, Illinois, 1975.

This survey updates the joins with soils in the region (MLRAs 105, 108B, and 115C) and places the information on 1:12,000 scale USGS Digital Ortho Quarter Quad sheets.

Disposition of Field Sheets

The soil maps have been photographically reduced from a scale of 1:15,840 to a scale of 1:12,000 and recompiled onto 3.75' orthophotography. Compiled maps, locator maps, and field maps are in the NRCS state office in Champaign, Illinois.

Copies of a computer tape of the digital product for Carroll County will remain at the state office, be certified for SSURGO at the Salina, KS Digitizing Unit, and be provided to the Carroll County Board as part of the cost-share cooperative agreement.

Instructions for Map Compilation and Map Finishing

Vendor-scanned digital maps were checked for accuracy of line placement, and any necessary adjustments due to recent urban or construction activities, by the Rock Falls MLRA Staff. The completed maps and supporting documentation have been forwarded to the NRCS Digitizing Unit at Salina, KS for digitization, using the soil identification legend and symbols legend in this document.

Symbols for map finishing will be those approved for SSURGO and as shown in this document.

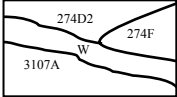


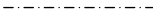






















Conventional and Special Symbols Legend

Only those symbols indicated on the attached NRCS-SOILS-37A (5/01) will be placed on the maps.

FEATURE AND SYMBOL LEGEND FOR SOIL SURVEY

Soil survey Area: Carroll County
State: Illinois

Date: MARCH 2005















DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL
SOIL SURVEY FEATURES		CULTURAL FEATURES (Optional)		HYDROGRAPHIC FEATURES (Optional)	
SOIL DELINEATIONS AND LABELS		BOUNDARIES			
		National, state or province			
		County or parish			
STANDARD LANDFORM AND MISCELLANEOUS SURFACE FEATURERS		Reservation (national or state forest or park)			
Bedrock escarpment		Limit of soil survey (label) and/or denied access areas			
Non-bedrock escarpment		Field sheet matchline and neatline			
Levee					
Borrow pit		Public Land Survey System Section Corner Tics			
Closed depression					
Gravel pit					
Marsh or swamp					
Mine or quarry					
Rock outcrop					
Sandy spot		ROAD EMBLEMS			
Severely eroded spot					
Sinkhole		Federal			
Wet spot		State			
		County, farm or ranch			
AD HOC FEATURES					
Label	Code	Symbol			
CHE	17				

SPECIAL SYMBOLS FOR SOIL SURVEY AND SSURGO – CODES and DEFINITIONS

MLRA: 105, 108B, 115C

COUNTY SUBSET: Carroll County, Illinois

DATE: 2/05

SYMBOL	LABEL	MAJOR CODE	MINOR CODE	NAME	DEFINITION
	ESB	900	204	Bedrock escarpment	A relatively continuous and steep slope or cliff, produced by erosion or faulting, that breaks the general continuity of more gently sloping land surfaces. Exposed material is hard or soft bedrock.
	ESO	900	206	Non-bedrock escarpment	A relatively continuous and steep slope or cliff, generally produced by erosion but in some places produced by faulting, that breaks the continuity of more gently sloping land surfaces. Exposed earthy material is nonsoil or very shallow soil.
	LVS	920	208	Levee	An embankment that confines or controls water, especially one built along the banks of a river to prevent overflow onto lowlands.
	BPI	920	612	Borrow pit	An open excavation from which soil and underlying material have been removed, usually for construction purposes. Typically 0.2 acre to 2 acres.
	DEP	900	300	Closed depression	A shallow, saucer-shaped area that is slightly lower on the landscape than the surrounding area and is without a natural outlet for surface drainage. Typically 0.2 acre to 2 acres.
	GPI	920	302	Gravel pit	An open excavation from which soil and underlying material have been removed and used, without crushing, as a source of sand or gravel. Typically 0.2 acre to 2 acres.
	MAR	905	111	Marsh or swamp	A water-saturated, very poorly drained area that is intermittently or permanently covered by water. Sedges, cattails, and rushes are the dominate vegetation in marshes and trees or shrubs are the dominate vegetation in swamps. Typically 0.2 acre to 2 acres.
	MPI	920	325	Mine or quarry	An open excavation from which soil and underlying material have been removed and in which bedrock is exposed. Also denotes surface openings to underground mines. Typically 0.2 acre to 2 acres.
	ROC	900	311	Rock outcrop	An exposure of bedrock at the surface of the earth. Not used where the named soils of the surrounding map unit are shallow over bedrock or where "Rock outcrop" is a named component of the map unit. Typically 0.2 acre to 2 acres.
	SAN	900	313	Sandy spot	A spot where the surface layer is loamy fine sand or coarser in areas where the surface layer of the named soils in the surrounding map unit is very fine sandy loam or finer. Typically 0.2 acre to 2 acres.
	ERO	900	314	Severely eroded spot	An area where, on the average, 75 percent or more of the original surface layer has been lost because of accelerated erosion. Not used in map units in which "severely eroded," "very severely eroded," or "gullied" is part of the map unit name. Typically 0.2 acre to 2.0 acres.
	SNK	905	303	Sinkhole	A closed depression formed either by solution of the surficial rock or by collapse of underlying caves. Typically 0.2 acre to 2.0 acres.
	WET	905	330	Wet spot	A somewhat poorly drained to very poorly drained area that is at least two drainage classes wetter than the named soils in the surrounding map unit. Typically 0.2 acre to 2.0 acres.
	CHE	998	17	Cherty spot	A spot where the surface layer has more than 35%, by volume, rock fragments, that are mostly less than 3 inches in diameter, and dominantly chert. Typically 0.2 acre to 2.0 acres.

List of Prime Farmland Map Units

(Only the map units considered prime farmland are listed. Urban or built-up areas of the soils listed are not considered prime farmland. If a map unit is prime farmland only under certain conditions, the conditions are specified in parentheses after the map unit name.)

Map Unit symbol	Map unit name
21B	Pecatonica silt loam, 2 to 5 percent slopes
37A	Worthen silt loam, 0 to 2 percent slopes
37B	Worthen silt loam, 2 to 5 percent slopes
37C	Worthen silt loam, 5 to 10 percent slopes
51A	Muscatune silt loam, 0 to 2 percent slopes
51B	Muscatune silt loam, 2 to 5 percent slopes
61A	Atterberry silt loam, 0 to 2 percent slopes (Prime farmland if drained)
61B	Atterberry silt loam, 2 to 5 percent slopes (Prime farmland if drained)
68A	Sable silty clay loam, 0 to 2 percent slopes (Prime farmland if drained)
68A+	Sable silt loam, 0 to 2 percent slopes, overwash (Prime farmland if drained)
81A	Littleton silt loam, 0 to 2 percent slopes
81B	Littleton silt loam, 2 to 5 percent slopes
86A	Osco silt loam, 0 to 2 percent slopes
86B	Osco silt loam, 2 to 5 percent slopes
87A	Dickinson sandy loam, 0 to 2 percent slopes
87B	Dickinson sandy loam, 2 to 5 percent slopes
87C2	Dickinson sandy loam, 5 to 10 percent slopes, eroded
125A	Selma loam, 0 to 2 percent slopes (Prime farmland if drained)
134A	Camden silt loam, 0 to 2 percent slopes
134B	Camden silt loam, 2 to 5 percent slopes
152A	Drummer silty clay loam, 0 to 2 percent slopes (Prime farmland if drained)
172A	Hoopeston sandy loam, 0 to 2 percent slopes
175B	Lamont fine sandy loam, 2 to 5 percent slopes
201A	Gilford fine sandy loam, 0 to 2 percent slopes (Prime farmland if drained)
227B	Argyle silt loam, 2 to 5 percent slopes
261A	Niota silt loam, 0 to 2 percent slopes (Prime farmland if drained)
268B	Mt. Carroll silt loam, 2 to 5 percent slopes
272A	Edgington silt loam, 0 to 2 percent slopes (Prime farmland if drained)
274B	Seaton silt loam, 2 to 5 percent slopes
275A	Joy silt loam, 0 to 2 percent slopes
275B	Joy silt loam, 2 to 5 percent slopes
277B	Port Byron silt loam, 2 to 5 percent slopes
279A	Rozetta silt loam, 0 to 2 percent slopes
279B	Rozetta silt loam, 2 to 5 percent slopes
280B	Fayette silt loam, 2 to 5 percent slopes
411B	Ashdale silt loam, 2 to 5 percent slopes
412B	Ogle silt loam, 2 to 5 percent slopes
414B	Myrtle silt loam, 2 to 5 percent slopes
419B	Flagg silt loam, 2 to 5 percent slopes
564B	Waukegan silt loam, 2 to 5 percent slopes
565B	Tell silt loam, 2 to 5 percent slopes
675A	Greenbush silt loam, 0 to 2 percent slopes
675B	Greenbush silt loam, 2 to 5 percent slopes
764B	Coyne fine sandy loam, 2 to 5 percent slopes
3076A	Otter silt loam, 0 to 2 percent slopes, frequently flooded (Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season)
3082A	Millington silt loam, 0 to 2 percent slopes, frequently flooded (Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season)
3107+	Sawmill silt loam, 0 to 2 percent slopes, frequently flooded, overwash (Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season)
3107A	Sawmill silty clay loam, 0 to 2 percent slopes, frequently flooded (Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season)
3333A	Wakeland silt loam, 0 to 2 percent slopes, frequently flooded (Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season)
3415A	Orion silt loam, 0 to 2 percent slopes, frequently flooded (Prime farmland if protected from flooding or not frequently flooded during the growing season)
3451A	Lawson silt loam, 0 to 2 percent slopes, frequently flooded (Prime farmland if protected from flooding or not frequently flooded during the growing season)
3579A	Beavercreek silt loam, 0 to 2 percent slopes, frequently flooded (Prime farmland if protected from flooding or not frequently flooded during the growing season)
7076A	Otter silt loam, 0 to 2 percent slopes, rarely flooded (Prime Farmland if drained)
7082A	Millington clay loam, 0 to 2 percent slopes, rarely flooded (Prime farmland if drained)

Map Unit symbol	Map unit name
7107+	Sawmill silt loam, 0 to 2 percent slopes, rarely flooded, overwash (Prime farmland if drained)
7107A	Sawmill silty clay loam, 0 to 2 percent slopes, rarely flooded (Prime farmland if drained)
7415A	Orion silt loam, 0 to 2 percent slopes, rarely flooded
7451A	Lawson silt loam, 0 to 2 percent slopes, rarely flooded
7452A	Riley loam, 0 to 2 percent slopes, rarely flooded
8077A	Huntsville silt loam, 0 to 2 percent slopes, occasionally flooded
8239A	Dorchester silt loam, 0 to 2 percent slopes, occasionally flooded
8239B	Dorchester silt loam, 2 to 5 percent slopes, occasionally flooded

Soil Mapunit Symbol Conversion Legend
Carroll County, Illinois: Detailed Soil Map Legend

Field symbols	Publication symbol
19E3	280D3
19F2	280F2
19F3	280F2
19G2	280G2
19G3	280G2
21B	21B
21C	21C2
21C2	21C2
21C3	21C3
21D	21C2
21D2	21C2
21D2	21D2
21D3	21C3
21D3	21D3
21E	21D2
21E2	21D2
21E3	21D3
21F	21F2
21F2	21F2
21F3	21F2
29D3	29D3
30D2	274D2
30F2	274F
30G2	943G2
36A	86A
36B	86B
36B2	86B
36C	86C
36C2	86C2
36C3	86C3
36D	86C
36D2	86C2
36D3	86C3
36E2	280D2
36E3	280D3
37A	37A
37B	37B
37C	37C
37D2	37C
41A	51A
41B	51B
51A	51A
51B	51B
53B	689B
53D	689D
53F	689F
54B	689B
54C3	689B
54F2	689F
61A	61A
61B	61B
63	689B
68	68A
68+	68A+
68A+	68A+
68A	68A
75B	274B
75C	274C
75C2	274C2
75D2	274C2
75E2	274D2
75F2	274F
76	3076A

Field symbols	Publication symbol
77	8077A
81A	81A
81B	81B
81C	81B
82	3082A
86A	86A
86B	86B
86C	86C
86C2	86C2
86C3	86C3
87A	87A
87B	87B
87C	87C2
87C2	87C2
87E2	175D2
88A	88A
88B	88B
88C	88B
88C	88C
88C2	88B
88D	88C
88E	88E
93E2	735E2
98A	98A
98B	98B
98C	98B
98D	98D
100	7100A
107	3107A
107+	3107+
125	125A
125A	125A
134A	134A
134B	134B
134C	134C2
134C2	134C2
134D2	134C2
134E2	565D2
152	152A
152A	152A
172	172A
172A	172A
175B	175B
175C	175C2
175C2	175C2
175D	175C2
175D2	175C2
175D2	175D2
175D3	175D3
175E2	175D2
175E3	175D3
175F2	175F2
175F3	175F2
201	201A
201A	201A
210	3082A
224C2	224C2
224D2	224C2
224D2	224D2
224D3	224D3
224E2	224D2
224E3	224D3
224F2	224F2

Field symbols	Publication symbol
224F3	224F2
227B	227B
227C	227C2
227C2	227C2
227D2	227C2
227E2	21D2
237	7452A
237A	7452A
237+	7452A
237A+	7452A
239A	8239A
239B	8239B
261	261A
261A	261A
268B	268B
268C	268C2
268C2	268C2
268D2	268C2
271E2	274D2
271F2	274F
271G2	943G2
272	272A
272+	272A
272A+	272A
272A	272A
274B	274B
274C	274C
274C2	274C2
274D	274C2
274D2	274C2
274D2	274D2
274D3	274D3
274E	274D2
274E2	274D2
274E2	274E2
274E2	274F
274E3	274D3
274F	274F
274F2	274F
274F3	274F
274G2	943G2
275A	275A
275B	275B
277A	277B
277B	277B
277C	277C
277C2	277C2
277D	277C2
277D2	277C2
277D3	274D3
279A	279A
279B	279B
279C	279B
280B	280B
280B2	280B
280C	280C
280C2	280C2
280C3	280C3
280D	280C
280D2	280C2
280D3	280C3
280D3	280D3
280E	280D2

Field symbols	Publication symbol
280E2	280D2
280E3	280D3
282E3	689F
280F	280F2
280F2	280F2
280F3	280F2
280G	280G2
280G2	280G2
280G2	280G2
282F3	689F
333	3333A
386A	675A
386B	675B
386C	675C
386C2	675C2
386D	675C
386D2	675C2
386E	280D2
386E2	280D2
403E2	403E2
410C2	410C2
410D2	410D2
410D3	410D3
410F2	410F2
410G2	410G2
411B	411B
411C2	411C2
411D2	411C2
411E3	410D3
412B	412B
412C	412C2
412C2	412C2
412C3	412C3
412D2	412C2
412D3	412C3
412E2	419D2
413D2	798C2
413F2	905F
414B	414B
414C	414C2
414C2	414C2
414D2	414C2
415	3415A
416C	416C2
416C2	416C2
416C3	416C3
416D2	416C2
416D3	416C3
416E2	21D2
416E3	21D3
417D3	417D3
417E2	417E2
419E2	419D2
419E3	419D3
419B	419B
419C	419C2
419C2	419C2
419D	419C2
419D2	419C2
419D2	419D2
419D3	419D3
429C2	429C2
451	3451A
455	3646L
504E2	403E2
504G2	905G

Field symbols	Publication symbol
505D2	505D2
505D3	505D3
505E	505E2
505E2	505E2
505E3	505E3
505F	505F2
505F2	505F2
505F3	505F2
505G	505G
505G2	505G
505G3	505G
506C2	506C2
506C3	506C3
506D2	506C2
506D3	506C3
506E2	410D3
506F2	905F
511E3	505E3
511F	505F2
511F3	505F2
511G2	905G
546C2	546C2
546D2	546C2
546E2	547D2
546E3	417D3
546F2	417E2
547C2	547C2
547D2	547D2
562B	564B
562C	564C2
562C2	564C2
562D	564C2
562D2	564C2
563B	565B
563C	565C2
563C2	565C2
563D	565C2
563D2	565C2
563D3	565D3
563E3	565D3
564B	564B
564C	564C2
564C2	564C2
564D2	564C2
564E2	565D2
565B	565B
565C	565C2
565C2	565C2
565D	565C2
565D2	565D2
565D3	565D3
565E2	565D2
565E3	565D3
565F2	565F2
565F3	565F2
568A	576A
568B	576B
569F2	569F2
572C	572C2
572C2	572C2
572D	572C2
572D2	572C2
574B	412B
574C	412C2
576A	576A
576B	576B

Field symbols	Publication symbol
576C	576C
577D	576C
577E	569F2
577F	569F2
578	3579A
660D2	660D2
660D3	660D3
660E2	660D2
660E3	660D3
673B	764B
675A	675A
675B	675B
675C	675C
675C2	675C2
689B	689B
689D	689D
689F	689F
705A	86A
735D2	735D2
735E2	735E2
764B	764B
785G	785G
798C2	798C2
802	802B
802B	802B
835G	835G
862	862
864	864
865	862
865	865
905F	905F
905G	905G
928C2	928C2
928D2	928D2
943F2	943F2
943G2	943G2
949C2	547C2
949D2	547C2
949D3	417D3
949E2	547D2
949E3	417D3
949F2	417E2
950C	928C2
950C2	928C2
950D	928D2
950D2	928D2
950D3	29D3
950E	928D2
950E2	928D2
950E3	29D3
950F	905F
950F2	905F
950F3	905F
950G	905G
950G2	905G
951C	429C2
951C2	429C2
951D	429C2
951D2	429C2
951D3	410D3
951E	410D2
951E2	410D2
951E3	410D3
951F	410F2
951F2	410F2
951F3	410F2

Field symbols	Publication symbol
951G2	410G2
951G3	410G2
952C	952C2
952C2	952C2
952D2	952D2
952D3	952D3
952E2	952D2
952E3	952D3
952F	952F2
952F2	952F2
952F4	952F2
972D2	735D2
972E2	735E2
972E3	735E2
1076A	1076A
1082A	1082A
1100A	1107A
1107A	1107A
1210A	1082A
1239A	1239A
1451A	1451A
3076A	3076A
3082A	3082A

Field symbols	Publication symbol
3107A	3107A
3333A	3333A
3107+	3107+
7107+	7107+
3415A	3415A
3451A	3451A
3579A	3579A
3646L	3646L
7076A	7076A
7082A	7082A
7100A	7100A
7107A	7107A
7415A	7415A
7451A	7451A
7452A	7452A
8077A	8077A
8239A	8239A
8239B	8239B
9051A	51A
9061A	61A
9061B	61B
9086B	86B
9272A	272A

Field symbols	Publication symbol
9274B	274B
9274C	274C
9279A	279A
9279B	279B
9280B	280B
9280C2	280C2
SOD	88B
W100	1107A
W107	1107A
W210	1082A
W237	3646L
W239A	1239A
W451	1451A
W76	1076A
W82	1082A
M-W	M-W
W	W

Soil Map Unit Numerical Legend

Carroll County, Illinois

Publi- Cation Symbol	Approved Map Unit Name
21B	Pecatonica silt loam, 2 to 5 percent slopes
21C2	Pecatonica silt loam, 5 to 10 percent slopes, eroded
21D2	Pecatonica silt loam, 10 to 18 percent slopes, eroded
21F2	Pecatonica silt loam, 18 to 35 percent slopes, eroded
21C3	Pecatonica silty clay loam, 5 to 10 percent slopes, severely eroded
21D3	Pecatonica silty clay loam, 10 to 18 percent slopes, severely eroded
29D3	Dubuque silty clay loam, 10 to 18 percent slopes, severely eroded
37A	Worthen silt loam, 0 to 2 percent slopes
37B	Worthen silt loam, 2 to 5 percent slopes
37C	Worthen silt loam, 5 to 10 percent slopes
51A	Muscatune silt loam, 0 to 2 percent slopes
51B	Muscatune silt loam, 2 to 5 percent slopes
61A	Atterberry silt loam, 0 to 2 percent slopes
61B	Atterberry silt loam, 2 to 5 percent slopes
68A	Sable silty clay loam, 0 to 2 percent slopes
68A+	Sable silt loam, 0 to 2 percent slopes, overwash
81A	Littleton silt loam, 0 to 2 percent slopes
81B	Littleton silt loam, 2 to 5 percent slopes
86A	Osco silt loam, 0 to 2 percent slopes
86B	Osco silt loam, 2 to 5 percent slopes
86C	Osco silt loam, 5 to 10 percent slopes
86C2	Osco silt loam, 5 to 10 percent slopes, eroded
86C3	Osco silty clay loam, 5 to 10 percent slopes, severely eroded
87A	Dickinson sandy loam, 0 to 2 percent slopes
87B	Dickinson sandy loam, 2 to 5 percent slopes
87C2	Dickinson sandy loam, 5 to 10 percent slopes, eroded
88A	Sparta loamy sand, 0 to 2 percent slopes
88B	Sparta loamy sand, 1 to 6 percent slopes
88C	Sparta loamy sand, 6 to 12 percent slopes
88E	Sparta loamy sand, 12 to 20 percent slopes
98A	Ade loamy fine sand, 0 to 2 percent slopes
98B	Ade loamy fine sand, 2 to 7 percent slopes
98D	Ade loamy fine sand, 7 to 15 percent slopes
125A	Selma loam, 0 to 2 percent slopes
134A	Camden silt loam, 0 to 2 percent slopes
134B	Camden silt loam, 2 to 5 percent slopes
134C2	Camden silt loam, 5 to 10 percent slopes, eroded
152A	Drummer silty clay loam, 0 to 2 percent slopes
172A	Hoopeston sandy loam, 0 to 2 percent slopes
175B	Lamont fine sandy loam, 2 to 5 percent slopes
175C2	Lamont fine sandy loam, 5 to 10 percent slopes, eroded
175D2	Lamont fine sandy loam, 10 to 18 percent slopes, eroded
175D3	Lamont fine sandy loam, 10 to 18 percent slopes, severely eroded
175F2	Lamont fine sandy loam, 18 to 35 percent slopes, eroded
201A	Gilford fine sandy loam, 0 to 2 percent slopes
224C2	Strawn silt loam, 5 to 10 percent slopes, eroded
224D2	Strawn silt loam, 10 to 18 percent slopes, eroded
224D3	Strawn clay loam, 10 to 18 percent slopes, severely eroded
224F2	Strawn silt loam, 18 to 35 percent slopes, eroded
227B	Argyle silt loam, 2 to 5 percent slopes
227C2	Argyle silt loam, 5 to 10 percent slopes, eroded
261A	Niota silt loam, 0 to 2 percent slopes
268B	Mt. Carroll silt loam, 2 to 5 percent slopes
268C2	Mt. Carroll silt loam, 5 to 10 percent slopes, eroded
272A	Edgington silt loam, 0 to 2 percent slopes
274B	Seaton silt loam, 2 to 5 percent slopes
274C	Seaton silt loam, 5 to 10 percent slopes
274C2	Seaton silt loam, 5 to 10 percent slopes, eroded
274D2	Seaton silt loam, 10 to 18 percent slopes, eroded
274D3	Seaton silt loam, 10 to 18 percent slopes, severely eroded
274E2	Seaton silt loam, 18 to 25 percent slopes, eroded
274F	Seaton silt loam, 18 to 35 percent slopes
275A	Joy silt loam, 0 to 2 percent slopes
275B	Joy silt loam, 2 to 5 percent slopes

Soil Map Unit Numerical Legend - continued

Publi- Cation Symbol	Approved Map Unit Name
277B	Port Byron silt loam, 2 to 5 percent slopes
277C	Port Byron silt loam, 5 to 10 percent slopes
277C2	Port Byron silt loam, 5 to 10 percent slopes, eroded
279A	Rozetta silt loam, 0 to 2 percent slopes
279B	Rozetta silt loam, 2 to 5 percent slopes
280B	Fayette silt loam, 2 to 5 percent slopes
280C	Fayette silt loam, 5 to 10 percent slopes
280C2	Fayette silt loam, 5 to 10 percent slopes, eroded
280D2	Fayette silty clay loam, 10 to 18 percent slopes, eroded
280F2	Fayette silt loam, 18 to 35 percent slopes, eroded
280G2	Fayette silt loam, 35 to 60 percent slopes, eroded
280C3	Fayette silty clay loam, 5 to 10 percent slopes, severely eroded
280D3	Fayette silty clay loam, 10 to 18 percent slopes, severely eroded
403E2	Elizabeth silt loam, 12 to 35 percent slopes, eroded
410C2	Woodbine silt loam, 5 to 10 percent slopes, eroded
410D2	Woodbine silt loam, 10 to 18 percent slopes, eroded
410F2	Woodbine silt loam, 18 to 35 percent slopes, eroded
410G2	Woodbine silt loam, 35 to 60 percent slopes, eroded
410D3	Woodbine silty clay loam, 10 to 18 percent slopes, severely eroded
411B	Ashdale silt loam, 2 to 5 percent slopes
411C2	Ashdale silt loam, 5 to 10 percent slopes, eroded
412B	Ogle silt loam, 2 to 5 percent slopes
412C2	Ogle silt loam, 5 to 10 percent slopes, eroded
412C3	Ogle silty clay loam, 5 to 10 percent slopes, severely eroded
414B	Myrtle silt loam, 2 to 5 percent slopes
414C2	Myrtle silt loam, 5 to 10 percent slopes, eroded
416C2	Durand silt loam, 5 to 10 percent slopes, eroded
416C3	Durand silty clay loam, 5 to 10 percent slopes, severely eroded
417D3	Derinda silty clay loam, 10 to 18 percent slopes, severely eroded
417E2	Derinda silt loam, 18 to 25 percent slopes, eroded
419B	Flagg silt loam, 2 to 5 percent slopes
419C2	Flagg silt loam, 5 to 10 percent slopes, eroded
419D2	Flagg silt loam, 10 to 18 percent slopes, eroded
419D3	Flagg silty clay loam, 10 to 18 percent slopes, severely eroded
429C2	Palsgrove silt loam, 5 to 10 percent slopes, eroded
505F2	Dunbarton silt loam, 20 to 35 percent slopes, eroded
505G	Dunbarton silt loam, 35 to 60 percent slopes
505D2	Dunbarton silt loam, 6 to 12 percent slopes, eroded
505D3	Dunbarton silty clay loam, 6 to 12 percent slopes, severely eroded
505E2	Dunbarton silt loam, 12 to 20 percent slopes, eroded
505E3	Dunbarton silty clay loam, 12 to 20 percent slopes, severely eroded
506C2	Hitt silt loam, 5 to 10 percent slopes, eroded
506C3	Hitt silty clay loam, 5 to 10 percent slopes, severely eroded
546C2	Keltner silt loam, 5 to 10 percent slopes, eroded
547C2	Eleroy silt loam, 5 to 10 percent slopes, eroded
547D2	Eleroy silt loam, 10 to 18 percent slopes, eroded
564B	Waukegan silt loam, 2 to 5 percent slopes
564C2	Waukegan silt loam, 5 to 10 percent slopes, eroded
565B	Tell silt loam, 2 to 5 percent slopes
565C2	Tell silt loam, 5 to 10 percent slopes, eroded
565D2	Tell silt loam, 10 to 18 percent slopes, eroded
565D3	Tell silt loam, 10 to 18 percent slopes, severely eroded
565F2	Tell silt loam, 18 to 35 percent slopes, eroded
569F2	Medary silty clay loam, 15 to 45 percent slopes, eroded
572C2	Loran silt loam, 5 to 10 percent slopes, eroded
576A	Zwingle silt loam, 0 to 2 percent slopes
576B	Zwingle silt loam, 2 to 5 percent slopes
576C	Zwingle silt loam, 5 to 10 percent slopes
660D2	Coatsburg silt loam, 10 to 18 percent slopes, eroded
660D3	Coatsburg silty clay loam, 10 to 18 percent slopes, severely eroded
675A	Greenbush silt loam, 0 to 2 percent slopes
675B	Greenbush silt loam, 2 to 5 percent slopes
675C	Greenbush silt loam, 5 to 10 percent slopes
675C2	Greenbush silt loam, 5 to 10 percent slopes, eroded
689B	Coloma sand, 2 to 7 percent slopes
689D	Coloma sand, 7 to 15 percent slopes
689F	Coloma sand, 20 to 30 percent slopes

Soil Map Unit Numerical Legend - continued

Publi- Cation Symbol	Approved Map Unit Name
735D2	Casco-Rodman-Fox complex, 6 to 12 percent slopes, eroded
735E2	Casco-Rodman-Fox complex, 12 to 20 percent slopes, eroded
764B	Coyne fine sandy loam, 2 to 5 percent slopes
785G	Lacrescent cobbly loam, 25 to 60 percent slopes
798C2	Fayette-Gale silt loams, 5 to 10 percent slopes, eroded
802B	Orthents, loamy, undulating
835G	Earthen dam
862	Pits, sand
864	Pits, quarries
865	Pits, gravel
905F	Newglarus-Lamoille silt loams, 18 to 35 percent slopes
905G	Newglarus-Lamoille silt loams, 35 to 60 percent slopes
928C2	Newglarus-Palsgrove silt loams, 5 to 10 percent slopes, eroded
928D2	Newglarus-Palsgrove silt loams, 10 to 18 percent slopes, eroded
943F2	Seaton-Timula silt loams, 18 to 35 percent slopes, eroded
943G2	Seaton-Timula silt loams, 35 to 60 percent slopes, eroded
952C2	Tell-Lamont complex, 5 to 10 percent slopes, eroded
952D2	Tell-Lamont complex, 10 to 18 percent slopes, eroded
952D3	Tell-Lamont complex, 10 to 18 percent slopes, severely eroded
952F2	Tell-Lamont complex, 18 to 35 percent slopes, eroded
1076A	Otter silt loam, undrained, 0 to 2 percent slopes, frequently flooded
1082A	Millington silt loam, undrained, 0 to 2 percent slopes, frequently flooded
1107A	Sawmill silty clay loam, undrained, 0 to 2 percent slopes, frequently flooded
1239A	Dorchester silt loam, undrained, 0 to 2 percent slopes, frequently flooded
1451A	Lawson silt loam, undrained, 0 to 2 percent slopes, frequently flooded
3076A	Otter silt loam, 0 to 2 percent slopes, frequently flooded
3082A	Millington silt loam, 0 to 2 percent slopes, frequently flooded
3107A	Sawmill silty clay loam, 0 to 2 percent slopes, frequently flooded
3107+	Sawmill silt loam, 0 to 2 percent slopes, frequently flooded, overwash
3333A	Wakeland silt loam, 0 to 2 percent slopes, frequently flooded
3415A	Orion silt loam, 0 to 2 percent slopes, frequently flooded
3451A	Lawson silt loam, 0 to 2 percent slopes, frequently flooded
3579A	Beavercreek silt loam, 0 to 2 percent slopes, frequently flooded
3646L	Fluvaquents, loamy, 0 to 2 percent slopes, frequently flooded, long duration
7076A	Otter silt loam, 0 to 2 percent slopes, rarely flooded
7082A	Millington clay loam, 0 to 2 percent slopes, rarely flooded
7100A	Palms muck, 0 to 2 percent slopes, rarely flooded
7107A	Sawmill silty clay loam, 0 to 2 percent slopes, rarely flooded
7107A+	Sawmill silt loam, 0 to 2 percent slopes, rarely flooded, overwash
7415A	Orion silt loam, 0 to 2 percent slopes, rarely flooded
7451A	Lawson silt loam, 0 to 2 percent slopes, rarely flooded
7452A	Riley loam, 0 to 2 percent slopes, rarely flooded
8077A	Huntsville silt loam, 0 to 2 percent slopes, occasionally flooded
8239A	Dorchester silt loam, 0 to 2 percent slopes, occasionally flooded
8239B	Dorchester silt loam, 2 to 5 percent slopes, occasionally flooded
M-W	Miscellaneous water
W	Water

Soil Map Unit Alphabetical Legend

Carroll County, Illinois

Publi- Cation Symbol	Approved Map Unit Name
98A	Ade loamy fine sand, 0 to 2 percent slopes
98B	Ade loamy fine sand, 2 to 7 percent slopes
98D	Ade loamy fine sand, 7 to 15 percent slopes
227B	Argyle silt loam, 2 to 5 percent slopes
227C2	Argyle silt loam, 5 to 10 percent slopes, eroded
411B	Ashdale silt loam, 2 to 5 percent slopes
411C2	Ashdale silt loam, 5 to 10 percent slopes, eroded
61A	Atterberry silt loam, 0 to 2 percent slopes
61B	Atterberry silt loam, 2 to 5 percent slopes
3579A	Beavercreek silt loam, 0 to 2 percent slopes, frequently flooded
134A	Camden silt loam, 0 to 2 percent slopes
134B	Camden silt loam, 2 to 5 percent slopes
134C2	Camden silt loam, 5 to 10 percent slopes, eroded
735D2	Casco-Rodman-Fox complex, 6 to 12 percent slopes, eroded
735E2	Casco-Rodman-Fox complex, 12 to 20 percent slopes, eroded
660D2	Coatsburg silt loam, 10 to 18 percent slopes, eroded
660D3	Coatsburg silty clay loam, 10 to 18 percent slopes, severely eroded
689B	Coloma sand, 2 to 7 percent slopes
689D	Coloma sand, 7 to 15 percent slopes
689F	Coloma sand, 20 to 30 percent slopes
764B	Coyne fine sandy loam, 2 to 5 percent slopes
417E2	Derinda silt loam, 18 to 25 percent slopes, eroded
417D3	Derinda silty clay loam, 10 to 18 percent slopes, severely eroded
87A	Dickinson sandy loam, 0 to 2 percent slopes
87B	Dickinson sandy loam, 2 to 5 percent slopes
87C2	Dickinson sandy loam, 5 to 10 percent slopes, eroded
8239A	Dorchester silt loam, 0 to 2 percent slopes, occasionally flooded
8239B	Dorchester silt loam, 2 to 5 percent slopes, occasionally flooded
1239A	Dorchester silt loam, undrained, 0 to 2 percent slopes, frequently flooded
152A	Drummer silty clay loam, 0 to 2 percent slopes
29D3	Dubuque silty clay loam, 10 to 18 percent slopes, severely eroded
505E2	Dunbarton silt loam, 12 to 20 percent slopes, eroded
505F2	Dunbarton silt loam, 20 to 35 percent slopes, eroded
505G	Dunbarton silt loam, 35 to 60 percent slopes
505D2	Dunbarton silt loam, 6 to 12 percent slopes, eroded
505D3	Dunbarton silty clay loam, 6 to 12 percent slopes, severely eroded
505E3	Dunbarton silty clay loam, 12 to 20 percent slopes, severely eroded
416C2	Durand silt loam, 5 to 10 percent slopes, eroded
416C3	Durand silty clay loam, 5 to 10 percent slopes, severely eroded
835G	Earthen dam
272A	Edgington silt loam, 0 to 2 percent slopes
547C2	Eleroy silt loam, 5 to 10 percent slopes, eroded
547D2	Eleroy silt loam, 10 to 18 percent slopes, eroded
403E2	Elizabeth silt loam, 12 to 35 percent slopes, eroded
280B	Fayette silt loam, 2 to 5 percent slopes
280C	Fayette silt loam, 5 to 10 percent slopes
280C2	Fayette silt loam, 5 to 10 percent slopes, eroded
280D2	Fayette silt loam, 10 to 18 percent slopes, eroded
280F2	Fayette silt loam, 18 to 35 percent slopes, eroded
280G2	Fayette silt loam, 35 to 60 percent slopes, eroded
280C3	Fayette silty clay loam, 5 to 10 percent slopes, severely eroded
280D3	Fayette silty clay loam, 10 to 18 percent slopes, severely eroded
798C2	Fayette-Gale silt loams, 5 to 10 percent slopes, eroded
419B	Flagg silt loam, 2 to 5 percent slopes
419C2	Flagg silt loam, 5 to 10 percent slopes, eroded
419D2	Flagg silt loam, 10 to 18 percent slopes, eroded
419D3	Flagg silty clay loam, 10 to 18 percent slopes, severely eroded
3646L	Fluvaquents, loamy, 0 to 2 percent slopes, frequently flooded, long duration
201A	Gilford fine sandy loam, 0 to 2 percent slopes
675A	Greenbush silt loam, 0 to 2 percent slopes
675B	Greenbush silt loam, 2 to 5 percent slopes
675C	Greenbush silt loam, 5 to 10 percent slopes
675C2	Greenbush silt loam, 5 to 10 percent slopes, eroded

Soil Map Unit Alphabetical Legend - continued

Publi- Cation Symbol	Approved Map Unit Name
506C2	Hitt silt loam, 5 to 10 percent slopes, eroded
506C3	Hitt silty clay loam, 5 to 10 percent slopes, severely eroded
172A	Hoopeston sandy loam, 0 to 2 percent slopes
8077A	Huntsville silt loam, 0 to 2 percent slopes, occasionally flooded
275A	Joy silt loam, 0 to 2 percent slopes
275B	Joy silt loam, 2 to 5 percent slopes
546C2	Keltner silt loam, 5 to 10 percent slopes, eroded
785G	Lacrescent cobbly loam, 25 to 60 percent slopes
175B	Lamont fine sandy loam, 2 to 5 percent slopes
175C2	Lamont fine sandy loam, 5 to 10 percent slopes, eroded
175D2	Lamont fine sandy loam, 10 to 18 percent slopes, eroded
175D3	Lamont fine sandy loam, 10 to 18 percent slopes, severely eroded
175F2	Lamont fine sandy loam, 18 to 35 percent slopes, eroded
3451A	Lawson silt loam, 0 to 2 percent slopes, frequently flooded
7451A	Lawson silt loam, 0 to 2 percent slopes, rarely flooded
1451A	Lawson silt loam, undrained, 0 to 2 percent slopes, frequently flooded
81A	Littleton silt loam, 0 to 2 percent slopes
81B	Littleton silt loam, 2 to 5 percent slopes
572C2	Loran silt loam, 5 to 10 percent slopes, eroded
569F2	Medary silty clay loam, 15 to 45 percent slopes, eroded
7082A	Millington clay loam, 0 to 2 percent slopes, rarely flooded
3082A	Millington silt loam, 0 to 2 percent slopes, frequently flooded
1082A	Millington silt loam, undrained, 0 to 2 percent slopes, frequently flooded
M-W	Miscellaneous water
268B	Mt. Carroll silt loam, 2 to 5 percent slopes
268C2	Mt. Carroll silt loam, 5 to 10 percent slopes, eroded
51A	Muscatune silt loam, 0 to 2 percent slopes
51B	Muscatune silt loam, 2 to 5 percent slopes
414B	Myrtle silt loam, 2 to 5 percent slopes
414C2	Myrtle silt loam, 5 to 10 percent slopes, eroded
905F	Newglarus-Lamoille silt loams, 18 to 35 percent slopes
905G	Newglarus-Lamoille silt loams, 35 to 60 percent slopes
928C2	Newglarus-Palsgrove silt loams, 5 to 10 percent slopes, eroded
928D2	Newglarus-Palsgrove silt loams, 10 to 18 percent slopes, eroded
261A	Niota silt loam, 0 to 2 percent slopes
412B	Ogle silt loam, 2 to 5 percent slopes
412C2	Ogle silt loam, 5 to 10 percent slopes, eroded
412C3	Ogle silty clay loam, 5 to 10 percent slopes, severely eroded
3415A	Orion silt loam, 0 to 2 percent slopes, frequently flooded
7415A	Orion silt loam, 0 to 2 percent slopes, rarely flooded
802B	Orthents, loamy, undulating
86A	Osco silt loam, 0 to 2 percent slopes
86B	Osco silt loam, 2 to 5 percent slopes
86C	Osco silt loam, 5 to 10 percent slopes
86C2	Osco silt loam, 5 to 10 percent slopes, eroded
86C3	Osco silty clay loam, 5 to 10 percent slopes, severely eroded
3076A	Otter silt loam, 0 to 2 percent slopes, frequently flooded
7076A	Otter silt loam, 0 to 2 percent slopes, rarely flooded
1076A	Otter silt loam, undrained, 0 to 2 percent slopes, frequently flooded
7100A	Palms muck, 0 to 2 percent slopes, rarely flooded
429C2	Palsgrove silt loam, 5 to 10 percent slopes, eroded
21B	Pecatonica silt loam, 2 to 5 percent slopes
21C2	Pecatonica silt loam, 5 to 10 percent slopes, eroded
21D2	Pecatonica silt loam, 10 to 18 percent slopes, eroded
21F2	Pecatonica silt loam, 18 to 35 percent slopes, eroded
21C3	Pecatonica silty clay loam, 5 to 10 percent slopes, severely eroded
21D3	Pecatonica silty clay loam, 10 to 18 percent slopes, severely eroded
865	Pits, gravel
864	Pits, quarries
862	Pits, sand
277B	Port Byron silt loam, 2 to 5 percent slopes
277C	Port Byron silt loam, 5 to 10 percent slopes
277C2	Port Byron silt loam, 5 to 10 percent slopes, eroded
7452A	Riley loam, 0 to 2 percent slopes, rarely flooded
279A	Rozetta silt loam, 0 to 2 percent slopes
279B	Rozetta silt loam, 2 to 5 percent slopes

Soil Map Unit Alphabetical Legend - continued

Publi- Cation Symbol	Approved Map Unit Name
68A+	Sable silt loam, 0 to 2 percent slopes, overwash
68A	Sable silty clay loam, 0 to 2 percent slopes
3107+	Sawmill silt loam, 0 to 2 percent slopes, frequently flooded, overwash
7107+	Sawmill silt loam, 0 to 2 percent slopes, rarely flooded, overwash
3107A	Sawmill silty clay loam, 0 to 2 percent slopes, frequently flooded
7107A	Sawmill silty clay loam, 0 to 2 percent slopes, rarely flooded
1107A	Sawmill silty clay loam, undrained, 0 to 2 percent slopes, frequently flooded
274B	Seaton silt loam, 2 to 5 percent slopes
274C	Seaton silt loam, 5 to 10 percent slopes
274C2	Seaton silt loam, 5 to 10 percent slopes, eroded
274D2	Seaton silt loam, 10 to 18 percent slopes, eroded
274D3	Seaton silt loam, 10 to 18 percent slopes, severely eroded
274E2	Seaton silt loam, 18 to 25 percent slopes, eroded
274F	Seaton silt loam, 18 to 35 percent slopes
943F2	Seaton-Timula silt loams, 18 to 35 percent slopes, eroded
943G2	Seaton-Timula silt loams, 35 to 60 percent slopes, eroded
125A	Selma loam, 0 to 2 percent slopes
88A	Sparta loamy sand, 0 to 2 percent slopes
88B	Sparta loamy sand, 1 to 6 percent slopes
88C	Sparta loamy sand, 6 to 12 percent slopes
88E	Sparta loamy sand, 12 to 20 percent slopes
224D3	Strawn clay loam, 10 to 18 percent slopes, severely eroded
224C2	Strawn silt loam, 5 to 10 percent slopes, eroded
224D2	Strawn silt loam, 10 to 18 percent slopes, eroded
224F2	Strawn silt loam, 18 to 35 percent slopes, eroded
565B	Tell silt loam, 2 to 5 percent slopes
565C2	Tell silt loam, 5 to 10 percent slopes, eroded
565D2	Tell silt loam, 10 to 18 percent slopes, eroded
565D3	Tell silt loam, 10 to 18 percent slopes, severely eroded
565F2	Tell silt loam, 18 to 35 percent slopes, eroded
952C2	Tell-Lamont complex, 5 to 10 percent slopes, eroded
952D2	Tell-Lamont complex, 10 to 18 percent slopes, eroded
952D3	Tell-Lamont complex, 10 to 18 percent slopes, severely eroded
952F2	Tell-Lamont complex, 18 to 35 percent slopes, eroded
3333A	Wakeland silt loam, 0 to 2 percent slopes, frequently flooded
W	Water
564B	Waukegan silt loam, 2 to 5 percent slopes
564C2	Waukegan silt loam, 5 to 10 percent slopes, eroded
410C2	Woodbine silt loam, 5 to 10 percent slopes, eroded
410D2	Woodbine silt loam, 10 to 18 percent slopes, eroded
410F2	Woodbine silt loam, 18 to 35 percent slopes, eroded
410G2	Woodbine silt loam, 35 to 60 percent slopes, eroded
410D3	Woodbine silty clay loam, 10 to 18 percent slopes, severely eroded
37A	Worthen silt loam, 0 to 2 percent slopes
37B	Worthen silt loam, 2 to 5 percent slopes
37C	Worthen silt loam, 5 to 10 percent slopes
576A	Zwingle silt loam, 0 to 2 percent slopes
576B	Zwingle silt loam, 2 to 5 percent slopes
576C	Zwingle silt loam, 5 to 10 percent slopes

Classification of Pedons Sampled for Laboratory Analysis - NSSL

Sampled As	Map unit Symbol	Soil Sample ID Number	Publication Symbol	Correlated Name	Comments
Colo	402	63IL015001	107	Sawmill	This pedon represents the Sawmill series. This pedon classifies as fine-silty, mixed, superactive, mesic Cumulic Endoaquolls.
Fayette	280	44IL015012	280	Fayette	This pedon represents the Fayette series. This pedon classifies as fine-silty, mixed, superactive mesic Typic Hapludalfs.
Fayette	280	44IL015014	280	Fayette	This pedon represents Fayette. This pedon classifies as fine-silty, mixed, superactive, mesic Typic Hapludalfs.
Seaton	274	44IL015013	274	Seaton	This pedon represents Seaton. This pedon classifies as fine-silty, mixed, superactive, mesic Typic Hapludalfs.

Notes to Accompany the Classification and Correlation the Soils

Carroll County, Illinois

Prepared by Steve Elmer and Frank Heisner

Flooding frequency and slope range added to soils on flood plains. Slope ranges of map units are adjusted, where necessary, to agree with the recently established MLRA slope range conventions.

ADE SERIES

Pedon #87IL-195-422 (Whiteside Co., IL) represents the series concept in this subset.

ARGYLE SERIES

The OSD pedon 03IL-015-003 (Carroll County, IL) represents the series concept in this subset.

***ASHDALE SERIES**

Pedon #78IL-103-011 (Lee Co., IL) represents the series concept in this subset.

The representative pedon for Ashdale soils in map unit 411C2 is taxadjunct to the series as this pedon has a dark-colored surface layer that is thinner than defined for the Ashdale series. This pedon classifies Fine-silty, mixed, superactive, mesic Mollic Hapludalfs.

ATTERBERRY SERIES

The OSD pedon # 83-011-108 (Bureau County, IL) represents the series concept in this subset.

BEAVERCREEK SERIES (added)

The OSD pedon (Houston Co., MN) represents the series concept in this subset. This series is added in Carroll Co., IL to replace Dorchester, Cobbly Variant.

The representative pedon for Beavercreek soils in map unit 3579A is taxadjunct to the series as this pedon is moderately well drained and is calcareous throughout. These properties are outside the range defined for Beavercreek series. This pedon classifies Loamy-skeletal, mixed, active, calcareous, mesic Typic Udifluvents.

BLOOMFIELD SERIES (dropped)

Bloomfield soils are correlated to Coloma series.

CAMDEN SERIES

Pedon #83IL-011-093 (Bureau Co., IL) represents the series concept in this subset.

CASCO SERIES

Pedon #90IL-175-006 (Stark Co., IL) represents the series concept in this subset.

CHUTE SERIES (dropped)

Chute soils (about 80 acres in total extent) are correlated to the Coloma series.

COATSBURG SERIES

The OSD pedon #98-161-029 (Adams Co., IL) represents the series concept in this subset.

The representative pedon for Coatsburg soils in map unit 660D3 is taxadjunct to the series as this pedon has a dark-colored surface layer that is thinner than defined for the Coatsburg series. This pedon classifies Fine, smectitic, mesic Vertic Epiaqualfs.

COLOMA SERIES (added)

Pedon #00IL-131-002 (Mercer Co., IL) represents the series concept in this subset. These soils replace the Bloomfield, Chute, and Plainfield series due to small extent of these soils in the subset. Recent investigations in northwest Illinois indicate that the sand fraction contains greater than 50 percent medium and coarser sands and confirms the presence of lamellae in the lower part of the profile.

COYNE SERIES (added)

The OSD pedon #97IL-161-018 (Rock Island Co., IL) represents the series concept in this subset. This soil was formerly correlated as a red subsoil variant of the Onarga series.

DERINDA SERIES

The OSD pedon #03IL-177-007 (Stephenson Co., IL) represents the series concept in this subset. Map unit 417E2 is added with to join Stephenson County subset.

DICKINSON SERIES

Pedon #82IL-011-112 (Bureau County, IL) represents the series concept in this subset.

DORCHESTER SERIES

Pedon #98IL-143-002 (Peoria Co., IL) represents the series concept in this subset. The Dorchester, Cobbly phase is correlated to the Beavercreek series with this update to join Jo Daviess County, IL. These soils in map unit 1239A phase (Dorchester, undrained) have LCU of 5W, and a water table within a depth of 2 feet. These wetness features are outside the range defined for the series. Field investigations were not conducted on this map unit during the current update and no change is being made to the named component at this time. Field verification will be made at some point to verify the appropriate disposition of this map unit.

DOWNS SERIES (dropped)

Areas in this subset previously identified as Downs soils are correlated to Greenbush series.

DRUMMER SERIES

The OSD pedon #96IL-019-005 (Champaign Co., IL) represents the series concept in this subset.

DRURY SERIES (dropped)

Areas in this subset previously identified as Drury soils are correlated to Seaton series.

DUBUQUE SERIES

Pedon #86IL-085-075 (Jo Daviess Co., IL) represents the series concept in this subset.

DUNBARTON SERIES

Pedon #88IL-187-050 (Warren Co., IL) represents the series concept in this subset.

DURAND SERIES

The OSD pedon #04IL-177-022 (Stephenson Co., IL) represents the series concept in this subset.

The representative pedon for Durand soils in map units 416C2 and 416C3 are taxadjunct to the series as these pedons have dark-colored surface layers that are thinner than defined for the Durand series. The Durand pedons in map unit 416C2 classify Fine-loamy, mixed, superactive, mesic Mollic Hapludalfs. The Durand pedons in map unit 416C3 classify Fine-loamy, mixed, superactive, mesic Typic Hapludalfs.

EDGINGTON SERIES

The OSD pedon #96IL-015-011 (Carroll Co., IL) represents the series concept in this subset.

ELEROY SERIES

The OSD pedon #03IL-015-001 (Carroll Co., IL) represents the series concept in this subset.

ELIZABETH SERIES (added)

The OSD pedon #87IL-085-047 (Jo Davies Co., IL) represents the series concept in this subset. This series replaces the Sogn series.

FAYETTE SERIES

Pedon #87IL-187-018 (Warren Co., IL) represents the series concept in this subset. Small areas previously identified as Sylvan series are included with the Fayette soils.

FLAGG SERIES

The OSD pedon #03IL-177-003 (Stephenson Co., IL) represents the series concept in this subset.

FLUVAQUENTS (added)

This great group class of soils is added to replace mixed alluvial land units on islands and shorelines of the Mississippi River. This is consistent with correlation decisions made in recent updates along the river in northwestern Illinois (Mercer, Rock Island, and Whiteside Counties).

FOX SERIES

Pedon #03IL-141-1 (Ogle Co., IL) represents the series concept in this subset.

GALE SERIES

Pedon #04IL-015-002 (Carroll Co., IL) represents the series concept in this subset. Several polygons of this series were transected during the soil survey update. The map units contain a significant component of deep loess and are correlated as a complex with the Fayette series (map unit symbol 798C2). Map unit 413F2 (85 total acres in Carroll Co.) is incorporated in adjacent map units as bedrock escarpment special feature symbols.

GILFORD SERIES

Pedon #83IL-195-124 (Whiteside Co., IL) represents the series concept in this subset.

GREENBUSH SERIES (added)

The OSD pedon #86IL-187-078 (Warren Co., IL) represents the series concept in this subset. Previously mapped as Downs, moderately wet phase.

HAMBURG SERIES (dropped)

Hamburg soils are correlated to Seaton series.

HITT SERIES

Pedon #04IL-177-067 (Stephenson Co., IL) represents the series concept in this subset.

The representative pedons for Hitt soils in map units 506C2 and 506C3 are taxadjunct to the series as these pedons have dark-colored surface layers that are thinner than defined for the Hitt series. These pedons classify Fine-loamy, mixed, superactive, mesic Mollic Hapludalfs.

HOOPESTON SERIES

Pedon #84IL-195-314 (Whiteside Co., IL) represents the series concept in this subset. Map units 237 and W237 are correlated to 7452A.

HUNTSVILLE SERIES

The OSD pedon #78IL-095-004 (Knox Co., IL) represents the series concept in this subset.

JOY SERIES

Pedon #83-195-146 (Whiteside Co., IL) represents the series concept in this subset.

KELTNER SERIES

The OSD pedon #98IL-177-001 (Stephenson Co., IL) represents the series concept in this subset.

LACRESCENT SERIES (added)

Pedon #85IL-195-371 (Whiteside Co., IL) represents the series concept in this subset. This series is added for the join with Jo Daviess County.

LAMOILLE SERIES (added)

Pedon #03IL-085-003 (Jo Daviess Co., IL) represents the series concept in this subset. This series was added for the join with Jo Daviess County.

LAMONT SERIES

Pedon #82IL-011-135 (Bureau Co., IL) represents the series concept in this subset.

LAWSON SERIES

Pedon #84IL-011-012 (Bureau Co., IL) represents the series concept in this subset.

LENA SERIES (dropped)

These soils are included with the Millington map units. Marsh symbols are added as appropriate.

LITTLETON SERIES

Pedon #85-195-398 (Whiteside Co., IL) represents the series concept in this subset.

LORAN SERIES

The OSD pedon #98IL-177-002 (Stephenson Co., IL) represents the series concept in this subset.

The representative pedon for Loran soils in map unit 572C2 is taxadjunct to the series as this pedon has a dark-colored surface layer that is thinner than defined for the Loran series. This pedon classifies Fine-silty, mixed, superactive, mesic Aquollic Hapludalfs.

MEDARY SERIES (added)

Pedon #86IL-085-093 (Jo Daviess Co., IL) represents the series concept in this subset. This series was added for the join with Jo Daviess County. Map unit 569F2 is added to replace Terrace Escarpments 577E and 577F.

MILLINGTON SERIES

Pedon #83IL-195-245 (Whiteside Co., IL) represents the series concept in this subset.

MT CARROLL

Pedon #82IL-195-014 (Whiteside Co., IL) represents the series concept in this subset.

MUSCATINE SERIES (dropped)

This series was a taxadjunct because of the presence of an argillic horizon. It is correlated to the Muscatine series.

MUSCATUNE SERIES (added)

Pedon #86IL-187-100 (Warren Co., IL) represents the series concept in this subset. These soils were previously correlated as Muscatine taxadjunct.

MYRTLE SERIES

The OSD pedon #03IL-177-004 (Stephenson Co., IL) represents the series concept in this subset.

NEWGLARUS SERIES (added)

Pedon #03IL-085-003 (Jo Daviess Co., IL) represents the series concept in this subset. This series was added for the join with Jo Daviess County.

Wisconsin (MLRA 105) has recently expanded the OSD depth to bedrock concept from 20-40 inches to 40-60 inches. Illinois has conducted preliminary spot-checks of several limestone bedrock soils in NW Illinois (2002-2003). While there is a zone of about 1-2 feet of fractured rippable bedrock at the lithic contact, Illinois maintains the original concept for this series and associated series until further documentation is obtained.

NIOTA SERIES

Pedon #84IL-195-267 (Whiteside Co., IL) represents the series concept in this subset.

OGLE SERIES

The OSD pedon #96IL-015-014 (Carroll Co., IL) represents the series concept in this subset.

The representative pedons for Ogle soils in map units 412C2 and 412C3 are taxadjunct to the series as these pedons have dark-colored surface layers that are thinner than defined for the Ogle series. The Ogle pedons in map unit 412C2 classify Fine-silty, mixed, superactive, mesic Mollic Hapludalfs. The Ogle pedon in map units 412C3 classify Fine-silty, mixed, superactive, mesic Typic Hapludalfs.

ORION SERIES

Pedon #83IL-195-132 (Whiteside Co., IL) represents the series concept in this subset.

ORTHENTS (added)

Pedon #84IL-011-086 (Bureau Co., IL) represents this suborder component. These soils were previously mapped as made land and cut and fill land.

OSCO SERIES (added)

The OSD pedon #56IL-015-002 (Carroll Co., IL) represents the series concept in this subset. These soils previously correlated as the moderately wet phase of the Tama series.

The representative pedons for Osco soils in map units 86C2 and 86C3 are taxadjunct to the series as these pedons have dark-colored surface layers that are thinner than defined for the Osco series. These pedons classify Fine-silty, mixed, superactive, mesic Mollic Hapludalfs.

OTTER SERIES

Pedon #84IL-195-325 (Whiteside Co., IL) represents the series concept in this subset.

PALMS SERIES

Pedon #85IL-195-366 (Whiteside Co., IL) represents the series concept in this subset. The wet phase had very low acreage and is included with the Sawmill, undrained phase.

PALSGROVE SERIES

The OSD pedon #03IL-177-005 (Stephenson Co., IL) represents the series concept in this subset.

PECATONICA SERIES

Pedon #85IL-195-380 (Whiteside Co., IL) represents the series concept in this subset.

PLAINFIELD SERIES (dropped)

These soils are correlated to Coloma series due the presence of lamellae in the series control section.

PORT BYRON SERIES

The OSD pedon #83IL-195-220 (Whiteside Co., IL) represents the series concept in this subset.

The representative pedon for Port Byron soils in map unit 277C2 is taxadjunct to the series as these pedons have dark-colored surface layers that are thinner than defined for the Port Byron series. This pedon classifies Fine-silty, mixed, superactive, mesic Mollic Hapludalfs.

Areas previously mapped as Port Byron, sandy substratum (map unit symbols 562B, 562C, 562C2, 562D, and 562D2) are correlated to the Waukegan series.

RILEY SERIES (added)

The Riley series was added for the join with Whiteside County.

RODMAN SERIES

Pedon #86IL-179-9 (Tazewell Co., IL) represents the series concept in this subset.

ROZETTA SERIES

The OSD pedon #96IL-177-012 (Stephenson Co., IL) represents the series concept in this subset.

SABLE SERIES

The OSD Pedon #57IL-187-001 (Warren Co., IL) represents the series concept in this subset.

SAVANNA ORDINANCE DEPOT (dropped)

Savanna Ordinance Depot of the U.S. Army was not mapped during the previous soil survey of Carroll County. It was subsequently mapped in the 1980's. The soils were preliminarily correlated during MLRA Soil Survey Update activities in 2004. The Depot consists predominantly of well drained sandy soils, including the Coloma, Dickinson, Lamont, and Sparta series. Sparta soils occupy about 45 percent of the area.

SAWMILL SERIES

The OSD pedon #96IL-167-018 (Sangamon Co., IL) represents the series concept in this subset.

SEATON SERIES

Pedon #83IL-195-120 (Whiteside Co., IL) represents the series concept in this subset.

Areas previously mapped as Seaton, sandy substratum (map unit symbols 563B, 563C, 563C2, 563D, 563D2, 563D3, and 563E3) are correlated to the Tell series. Map units of 563G are correlated Seaton-Timula complex (map unit symbol 943G2).

Previously mapped Hamburg soils are correlated to the Seaton-Timula complex.

Previously mapped Drury soils are correlated to Seaton.

SELMA SERIES

Pedon #77IL-103-012 (Lee Co., IL) represents the series concept in this subset.

SOGN SERIES (dropped)

Sogn series is correlated to Elizabeth series.

SPARTA SERIES

Pedon #73IL-141-15 (Ogle County, IL) represents the series concept in this subset.

STRAWN SERIES

Pedon #98IL-161-033 (Rock Island Co., IL) represents the series concept in this subset. The Strawn series concept is centered on development in Wisconsin till and should be expanded to include soils formed in Illinoian till when sufficient acres are correlated in future updates.

SYLVAN SERIES (dropped)

Sylvan soils are correlated to Fayette series.

TAMA SERIES (dropped)

Tama soils are correlated to Osco soils.

TELL SERIES

Pedon #82IL-011-138 (Bureau Co., IL) represents the series concept in this subset.

TIMULA SERIES

Pedon #83IL-195-117 (Whiteside Co., IL) represents the series concept in this subset.

WAKELAND SERIES

Pedon #83IL-195-140 (Whiteside Co., IL) represents the series concept in this subset.

WAUKEGAN SERIES

Pedon #82IL-011-106 (Bureau Co., IL) represents the series concept in this subset.

The representative pedon for Waukegan soils in map unit 564C2 is taxadjunct to the series as this pedon has dark-colored surface layers that are thinner than defined for the Waukegan series. This pedon classifies Fine-silty over sandy or sandy-skeletal, mixed, superactive, mesic Dystric Eutrudepts.

WOODBINE SERIES

The OSD pedon #03IL-177-006 (Stephenson Co., IL) represents the series concept in this subset. Map unit 410C2 is added for the join with Ogle County. The current OSD upper slope range limit is 25%, which excludes the upper end of the 410F2 and all of the 410G2 slope range (18-35% and 35-60% respectively). The OSD slope range should be expanded.

WORTHEN SERIES

Pedon #83IL-131-31 (Mercer Co., IL) represents the series concept in this subset.

ZWINGLE SERIES

Pedon #77IL-085-008 (Jo Daviess Co., IL) represents the series concept in this subset. Narrow polygons of linear terrace escarpments are included with Zwingle map units.

Classification of the Soils

Carroll County, Illinois

(An asterisk in the first column indicates a taxadjunct to the series. See text for a description of those characteristics that are outside the range of the series.)

Soil name	Family or higher taxonomic class
Ade-----	Coarse-loamy, mixed, superactive, mesic Lamellic Argiudolls
Argyle-----	Fine-loamy, mixed, superactive, mesic Mollic HapludalFs
Ashdale-----	Fine-silty, mixed, superactive, mesic Typic Argiudolls
*Ashdale-----	Fine-silty, mixed, superactive, mesic Mollic HapludalFs
Atterberry-----	Fine-silty, mixed, superactive, mesic Udollic EndoaqualFs
*Beavercreek-----	Loamy-skeletal, mixed, active, calcareous, mesic Typic Udifluvents
Camden-----	Fine-silty, mixed, superactive, mesic Typic HapludalFs
Casco-----	Fine-loamy over sandy or sandy-skeletal, mixed, superactive, mesic Inceptic HapludalFs
Coatsburg-----	Fine, smectitic, mesic Vertic Argiaquolls
*Coatsburg-----	Fine, smectitic, mesic Vertic EpiaqualFs
Coloma-----	Mixed, mesic Lamellic Udipsamments
Coyne-----	Coarse-loamy, mixed, active, mesic Typic Argiudolls
Derinda-----	Fine, mixed, active, mesic Oxyaquic HapludalFs
Dickinson-----	Coarse-loamy, mixed, superactive, mesic Typic Hapludolls
Dorchester-----	Fine-silty, mixed, superactive, calcareous, mesic Typic Udifluvents
Drummer-----	Fine-silty, mixed, superactive, mesic Typic Endoaquolls
Dubuque-----	Fine-silty, mixed, superactive, mesic Typic HapludalFs
Dunbarton-----	Clayey, smectitic, mesic Lithic HapludalFs
*Durand-----	Fine-loamy, mixed, superactive, mesic Mollic HapludalFs
*Durand-----	Fine-loamy, mixed, superactive, mesic Typic HapludalFs
Edgington-----	Fine-silty, mixed, superactive, mesic Argiaquic Argialbolls
Eleroy-----	Fine-silty, mixed, superactive, mesic Oxyaquic HapludalFs
Elizabeth-----	Loamy-skeletal, mixed, superactive, mesic Lithic Hapludolls
Fayette-----	Fine-silty, mixed, superactive, mesic Typic HapludalFs
Flagg-----	Fine-silty, mixed, superactive, mesic Typic HapludalFs
Fluvaquents-----	Fine-silty, mixed, active, nonacid, mesic Typic Fluvaquents
Fox-----	Fine-loamy over sandy or sandy-skeletal, mixed, superactive, mesic Typic HapludalFs
Gale-----	Fine-silty over sandy or sandy-skeletal, mixed, superactive, mesic Typic HapludalFs
Gilford-----	Coarse-loamy, mixed, superactive, mesic Typic Endoaquolls
Greenbush-----	Fine-silty, mixed, superactive, mesic Mollic HapludalFs
*Hitt-----	Fine-loamy, mixed, superactive, mesic Mollic HapludalFs
Hoopeston-----	Coarse-loamy, mixed, superactive, mesic Aquic Hapludolls
Huntsville-----	Fine-silty, mixed, superactive, mesic Cumulic Hapludolls
Joy-----	Fine-silty, mixed, superactive, mesic Aquic Hapludolls
Keltner-----	Fine-silty, mixed, superactive, mesic Oxyaquic Argiudolls
Lacrescent-----	Loamy-skeletal, mixed, superactive, mesic Typic Hapludolls
Lamoille-----	Fine, mixed, superactive, mesic Typic HapludalFs
Lamont-----	Coarse-loamy, mixed, superactive, mesic Typic HapludalFs
Lawson-----	Fine-silty, mixed, superactive, mesic Aquic Cumulic Hapludolls
Littleton-----	Fine-silty, mixed, superactive, mesic Aquic Cumulic Hapludolls
*Loran-----	Fine-silty, mixed, superactive, mesic Aquollic HapludalFs
Medary-----	Fine, mixed, superactive, mesic Oxyaquic HapludalFs
Millington-----	Fine-loamy, mixed, superactive, calcareous, mesic Cumulic Endoaquolls
Mt. Carroll-----	Fine-silty, mixed, superactive, mesic Mollic HapludalFs
Muscatune-----	Fine-silty, mixed, superactive, mesic Aquic Argiudolls
Myrtle-----	Fine-silty, mixed, superactive, mesic Mollic HapludalFs
NewGlarus-----	Fine-silty over clayey, mixed, superactive, mesic Typic HapludalFs
Niota-----	Fine, mixed, superactive, mesic Vertic AlbaqualFs
Ogle-----	Fine-silty, mixed, superactive, mesic Typic Argiudolls
*Ogle-----	Fine-silty, mixed, superactive, mesic Typic HapludalFs
*Ogle-----	Fine-silty, mixed, superactive, mesic Mollic HapludalFs
Orion-----	Coarse-silty, mixed, superactive, nonacid, mesic Aquic Udifluvents
Orthents-----	Fine-loamy, mixed, active, nonacid, mesic Typic Udorthents
Osco-----	Fine-silty, mixed, superactive, mesic Typic Argiudolls
*Osco-----	Fine-silty, mixed, superactive, mesic Mollic HapludalFs
Otter-----	Fine-silty, mixed, superactive, mesic Cumulic Endoaquolls
Palms-----	Loamy, mixed, euic, mesic Terric Haplosaprists
Palsgrove-----	Fine-silty, mixed, superactive, mesic Typic HapludalFs
Pecatonica-----	Fine-loamy, mixed, superactive, mesic Typic HapludalFs

Classification of the Soils--continued

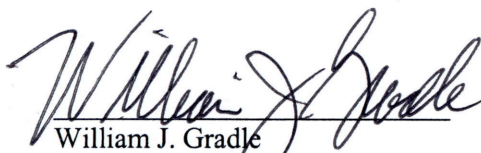
(An asterisk in the first column indicates a taxadjunct to the series. See text for a description of those characteristics that are outside the range of the series.)

Soil name	Family or higher taxonomic class
Port Byron-----	Fine-silty, mixed, superactive, mesic Typic Hapludolls
*Port Byron-----	Fine-silty, mixed, superactive, mesic Mollic Hapludalfts
Riley-----	Fine-loamy over sandy or sandy-skeletal, mixed, superactive, mesic, Fluvaquentic Hapludolls
Rodman-----	Sandy-skeletal, mixed, mesic Typic Hapludolls
Rozetta-----	Fine-silty, mixed, superactive, mesic Typic Hapludalfts
Sable-----	Fine-silty, mixed, superactive, mesic Typic Endoaquolls
Sawmill-----	Fine-silty, mixed, superactive, mesic Cumulic Endoaquolls
Seaton-----	Fine-silty, mixed, superactive, mesic Typic Hapludalfts
Selma-----	Fine-loamy, mixed, superactive, mesic Typic Endoaquolls
Sparta-----	Sandy, mixed, mesic Entic Hapludolls
Strawn-----	Fine-loamy, mixed, active, mesic Typic Hapludalfts
Tell-----	Fine-silty over sandy or sandy-skeletal, mixed, superactive, mesic Typic Hapludalfts
Timula-----	Coarse-silty, mixed, superactive, mesic Typic Eutrudepts
Wakeland-----	Coarse-silty, mixed, superactive, nonacid, mesic Aeric Fluvaquents
Waukegan-----	Fine-silty over sandy or sandy-skeletal, mixed, superactive, mesic Typic Hapludolls
*Waukegan-----	Fine-silty over sandy or sandy-skeletal, mixed, superactive, mesic Dystric Eutrudepts
Woodbine-----	Fine-loamy, mixed, active, mesic Typic Hapludalfts
Worthen-----	Fine-silty, mixed, superactive, mesic Cumulic Hapludolls
Zwingle-----	Fine, smectitic, mesic Typic Albaqualfs

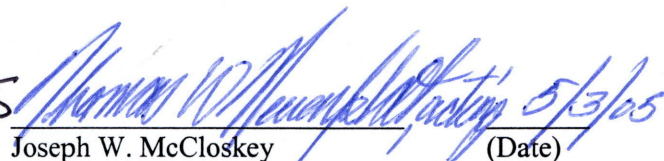
Certification Statement

1. All mapping/map compilation was completed by December 2004.
2. All the detailed soil maps within the boundary of the survey area join. Exact joins have been achieved with Ogle, Stephenson, and Whiteside (SSURGO certified, 7/99) Counties. An acceptable join has been achieved with Jo Daviess County (SSURGO certified, 9/96). Several map units in Jo Daviess County have slope phases slightly different than slope phases in Carroll County. Achieving an exact join between Carroll and Jo Daviess Counties will occur after field investigations and SSURGO recertification of Jo Daviess County.
3. Interpretations are being coordinated with adjoining survey areas. The manuscript will be generated using the MUG (map unit generator) program, therefore, the text and tables will be consistent with the NASIS data. Exceptions, if any, to perfect agreement between the NASIS data and the manuscript will be as noted in this Correlation Memorandum.
4. The location of all series typical pedons has been checked for correct location and for the soil delineations using that name. Series typical pedons are those that represent the soils in MLRAs 105, 108B and 115C. Not all typical pedons are located in Carroll County.
5. All publication symbols will be those shown in the conversion legend and in the feature and symbol legend of this Correlation Memorandum.
6. All typical pedons are classified accurately according to Keys to Soil Taxonomy, Ninth Edition, 2003.
7. The soil maps have been reviewed for completeness, accuracy, and consistency. The maps have been digitized from an ortho base map at a scale of 1:12,000.

Approved:


William J. Gradle
Illinois State Conservationist
Champaign, Illinois

4-20-2005
(Date)


Joseph W. McCloskey
Region 10 Team Leader
St. Paul, Minnesota

(Date)